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SOME AIDS FOR ESTIMATING DAMAGE PROBABILITIES IN ATTACKS AGAINST TARGETS WITH P AND Q VULNERABILITY NUMBERS: SUPPLEMENTARY TABLES FOR POINT TARGETS

D. C. Kephart

RAND Corporation

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Some Aids for Estimating Damage Probabilities in Attacks Against Targets with P and Q Vulnerability Numbers: Supplementary Tables for Point Targets

D. C. Kephart

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PREFACE

This is a supplementary volume to Rand report R-1168-PR,[*] which presents tables of damage probability as a function of nuclear bomb yield and delivery CEP for 50 selected P vulnerability numbers (PVNs) associated with hardened military targets. The supplement was prepared in response to requests by Air Force officers and agencies for additional damage probability tables estimating outcomes of attacks on certain overpressure-sensitive P-type and dynamic-pressure-sensitive Q-type point targets not listed in R-1168-PR.

The additional Probability of Damage (PD) tables presented here cover 56 PVNs and 52 QVNs of current military interest. The tables should be useful to Air Force planners and analysts in providing a quick-access source for data not otherwise readily available.

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[*] D. C. Kephart, *Some Aids for Estimating Damage Probabilities in Attacks Against Targets with P and Q Vulnerability Numbers*, The Rand Corporation, R-1168-PR, March 1973, For Official Use Only.

SOME AIDS FOR ESTIMATING DAMAGE PROBABILITIES IN ATTACKS AGAINST TARGETS WITH P AND Q VULNERABILITY NUMBERS: SUPPLEMENTARY TABLES FOR POINT TARGETS

The computed tables in this supplement show single-shot probability of damage to a point target as a function of yield and circular probable error (CEP), for a weapon bursting at an altitude that approximately maximizes the probability of blast damage. Definitions, assumptions, and mathematical bases for the damage tables are as detailed in R-1168-PR and in *Physical Vulnerability Handbook--Nuclear Weapons* (U), Defense Intelligence Agency, AP-550-1-2-69-INT, 1 June 1969 (Confidential).

For target vulnerability numbers (VNs) and yield-CEP combinations not listed in this supplement or in R-1168-PR, an interactive computing program is available as described in R-1168-PR for calculating additional Probability of Damage (PD) tables via remote teletype coupling to Rand's JOSS computer. The computing program also calculates discrete sets of air-burst and ground-burst damage probabilities for both point targets and circular area targets with an offset aim point option for any yield-CEP combination, for both P-type VNs (PVNs) and Q-type VNs (QVNs).

The quantities listed in the computer printout PD tables are identified below:

VN = arbitrary classification of a target's susceptibility to blast damage (as defined in R-1168-PR and in DIA's *Physical Vulnerability Handbook*)
KT = warhead yield, kilotons
Adj VN = adjusted VN, to account for yield-dependent damage response
psi = peak overpressure (for PVNs), or peak dynamic pressure (for QVNs) at the weapon radius, lb/sq in.
HOB = weapon height of burst, associated with "maximum" probability of damage, ft
WR = weapon radius, ft
CEP = circular probable error weapon delivery accuracy, ft
PD = single-shot probability of damage.

The following table lists the VNs for which PD tables appear either in this supplement or in R-1168-PR. The quantity VN refers to the first two digits of the unadjusted PVN or QVN. The K-factor is the last digit of the PVN or QVN. The yield and CEP values tabulated in this supplement are not identical to those in R-1168-PR. To help expand the utility of the PD tables, several values were added at the low ends of the yield-CEP ranges, while others were omitted at the high ends.

INDEX OF DAMAGE PROBABILITY TABLES

	PVN									
	K-Factor									
VN	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6	△									
7	△									
8	△		△				△			
9	△									
10	△									
11	△									
12	△	△	△							
13	△									
14	△									
15	△									
16	△									
17	△		△							
18	△		△							
19	△		△							
20	●									
21	●									△
22	△									
23	●									
24	△									
25	●		△							
26	△									
27	●		△	●						
28	●									
29	●									
30	●		●			△				
31	△	●		●						
32	△		●		●					
33	●		●		●		△	●	△	
34	△				●		●			
35	△	●			●		●			
36	●				●		●			
37	●					●	●	●		
38	●	△	△	△	●	△	●	△	△	△
39	●				△		●			△
40	△				△		●		△	
41	●				△		●			
42	△						●			
43	△									
44	●						●			
45	●								△	
46	△						●			
47	△									
48	●						●			●
49	△						●			●
50	△									
51	△						△			
52	●									
53										
54										
55										
56										
57	●									

	QVN									
	K-factor									
VN	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6								△		
7								△		
8							△			
9							△			
10					△	△	△	△	△	
11							△	△		△
12								△	△	△
13							△	△	△	△
14							△	△	△	△
15					△		△	△		△
16							△	△	△	△
17								△		△
18			△					△	△	△
19								△	△	
20							△	△	△	△
21						△		△		△
22										△
23								△	△	
24										△
25							△		△	
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										

● R-1168-PR

△ This supplement

6PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1800	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	Adj VN
psi	3	3	3	3	6	3	6	3	6	3	6	3	3	6	6	3	6	3	6	3	3	6	6	6	psi
HOB	1026	2211	2785	3509	4229	4763	5328	5684	9000	6889	7560	8654	9525	10200	10803	11745	12927	13926	14798	16288	17545	19628	21349	23401	HOB
WR	3038	6545	8246	10390	12520	14101	15775	16829	17766	20387	22384	25623	28202	30380	32283	34776	38278	41232	43815	48225	51948	58114	63192	69552	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400																									400
600	.999																								600
800	.999																								800
1000	.985																								1000
1200	.962																								1200
1400	.925	.999																							1400
1600	.875	.998	.999																						1600
1800	.818	.995	.999																						1800
2000	.758	.991	.998	.999																					2000
2500	.612	.968	.991	.998	.999																				2500
3000	.490	.926	.975	.993	.998	.999	.999																		3000
3500	.394	.869	.947	.983	.994	.997	.999	.999	.999																3500
4000	.321	.801	.908	.967	.988	.994	.997	.998	.999	.999															4000
5000	.222	.662	.806	.911	.960	.978	.988	.992	.994	.997	.999	.999													5000
6000	.181	.539	.694	.832	.912	.947	.969	.978	.983	.992	.998	.998	.999	.999											6000
7000	.121	.439	.591	.744	.848	.859	.936	.952	.963	.981	.999	.995	.997	.996	.999	.999									7000
8000	.094	.361	.501	.657	.778	.841	.891	.915	.932	.963	.977	.989	.994	.996	.997	.998	.999	.999							8000
9000	.075	.300	.427	.577	.702	.778	.838	.866	.892	.937	.959	.979	.988	.992	.996	.997	.998	.999	.999						9000
10000	.062	.252	.365	.506	.632	.711	.780	.817	.845	.903	.934	.964	.978	.985	.990	.993	.986	.999	.998	.999	.999				10000

6PO

7PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	Adj VN
psi	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	psi
HOB	974	2098	2643	3330	4013	4520	5056	5394	5694	6518	7174	8213	9039	9737	10347	11146	12268	13215	14043	15457	16850	18627	20254	22293	HOB
WR	2684	5783	7286	9180	11063	12460	13988	14870	15998	17970	19778	22641	24919	26843	28525	30728	33821	36432	38715	42611	45902	51850	55837	61458	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400																									400
600	.999																								600
800	.992																								900
1000	.972																								1000
1200	.934	.999																							1200
1400	.880	.998	.999																						1400
1600	.815	.995	.999																						1600
1800	.746	.989	.997	.999																					1800
2000	.679	.981	.995	.999																					2000
2500	.528	.943	.982	.995	.999	.999																			2500
3000	.412	.882	.954	.986	.995	.998	.999	.999	.999																3000
3500	.326	.807	.911	.968	.988	.994	.997	.998	.999	.999															3500
4000	.263	.727	.857	.941	.978	.987	.998	.999	.997	.999	.999														4000
5000	.179	.578	.732	.860	.931	.959	.977	.984	.988	.995	.937	.999	.999												5000
6000	.128	.458	.611	.782	.862	.910	.944	.958	.968	.984	.991	.998	.998	.999	.999	.999									6000
7000	.096	.386	.508	.683	.781	.846	.895	.918	.935	.965	.978	.990	.994	.996	.998	.998	.999	.999							7000
8000	.075	.297	.423	.573	.698	.773	.835	.866	.889	.935	.958	.979	.987	.992	.994	.999	.998	.999	.999						8000
9000	.060	.244	.355	.494	.620	.699	.789	.807	.835	.896	.929	.961	.978	.984	[illegible]	.993	.996	.997	.998	.999	.999				9000
10000	.049	.204	.301	.428	.548	.629	.708	.745	.777	.850	.892	.987	.959	.972	.979	.986	.992	.995	.997	.998	.999	.999			10000

7PO

8P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	Adj VN
psi	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	psi
HOB	924	1991	2508	3160	3808	4289	4798	5119	5404	6186	6809	7794	8578	9241	9820	10578	11642	12541	13327	14669	15801	17677	19221	21156	HOB
WR	2372	5110	6436	8112	9775	11009	12318	13139	13871	15878	17476	20005	22019	23719	25205	27151	29884	32191	34209	37651	40559	45373	49337	54303	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400																									400
600	.997																								600
800	.983																								800
1000	.949	.999																							1000
1200	.892	.998																							1200
1400	.820	.995	.999																						1400
1600	.743	.989	.997	.999																					1600
1800	.666	.979	.994	.999																					1800
2000	.595	.984	.990	.997	.999																				2000
2500	.446	.905	.965	.990	.997	.998	.999	.999																	2500
3000	.342	.823	.921	.973	.990	.995	.996	.998	.999																3000
3500	.267	.733	.861	.943	.977	.988	.994	.996	.997	.999	.999														3500
4000	.213	.646	.792	.902	.955	.975	.987	.991	.993	.997	.998	.999													4000
5000	.143	.496	.651	.796	.888	.929	.957	.969	.976	.989	.994	.997	.996	.999	.999										5000
6000	.102	.383	.528	.683	.799	.860	.906	.928	.943	.970	.982	.991	.995	.997	.998	.999	.999								6000
7000	.076	.301	.429	.579	.705	.779	.840	.870	.893	.938	.960	.980	.988	.992	.995	.997	.998	.999	.999						7000
8000	.059	.242	.352	.490	.615	.695	.768	.803	.832	.894	.927	.960	.975	.983	.988	.992	.996	.997	.998	.999	.999				8000
9000	.047	.197	.292	.427	.536	.616	.691	.733	.767	.841	.885	.932	.956	.969	.977	.965	.991	.994	.996	.998	.999	.999			9000
10000	.038	.183	.245	.356	.467	.545	.621	.684	.700	.784	.836	.897	.929	.949	.961	.973	.984	.990	.993	.996	.997	.999	.999		10000

8P0

8P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	10.1	8.3	8.0	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	Adj VN
psi	7	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	psi
HOB	830	1958	2508	3202	3892	4404	4947	5289	5592	6426	7089	8140	8976	9682	10299	11107	12242	13201	14038	15468	16676	19675	20322	22384	HOB
WR	1839	4914	6438	8368	10293	11722	13237	14193	15042	17372	19229	22167	24507	26484	28212	30475	33652	36336	38682	42686	46068	51668	56280	62056	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	PO	PO	PD	PD	PO	PO	PO	PO	PO	PD	PD	PD	CEP
200																									200
400	.999																								400
600	.986																								600
800	.941																								800
1000	.861	.999																							1000
1200	.763	.998																							1200
1400	.664	.994	.999																						1400
1600	.574	.986	.997	.999																					1600
1800	.495	.974	.994	.999																					1800
2000	.429	.957	.990	.998	.999																				2000
2500	.305	.890	.965	.992	.998	.999																			2500
3000	.225	.802	.921	.977	.993	.997	.998	.999	.999																3000
3500	.172	.708	.861	.951	.983	.992	.996	.997	.998	.999															3500
4000	.135	.619	.792	.913	.965	.982	.991	.994	.996	.998	.999														4000
5000	.099	.470	.631	.814	.907	.946	.970	.979	.985	.993	.996	.999	.999												5000
6000	.063	.361	.528	.704	.827	.887	.930	.948	.960	.981	.989	.995	.998	.998	.999	.999									6000
7000	.047	.283	.429	.601	.738	.814	.874	.902	.922	.959	.975	.989	.994	.996	.997	.998	.999	.999							7000
8000	.036	.226	.352	.511	.650	.735	.807	.844	.871	.925	.952	.976	.986	.991	.994	.996	.998	.999	.999						8000
9000	.028	.184	.292	.436	.571	.659	.738	.780	.813	.882	.920	.957	.974	.983	.988	.992	.996	.997	.998	.999	.999				9000
10000	.023	.152	.245	.373	.500	.587	.669	.715	.792	.833	.881	.931	.956	.970	.978	.986	.992	.995	.997	.998	.999	.999			10000

8P2

8P6

KT	1	10	20	40	70	100	140	170	200	300	400	800	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	14.7	9.2	8.0	7.0	6.3	8.0	5.7	5.5	5.4	5.1	4.9	4.6	4.5	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	Adj VN
psi	16	6	5	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	psi
HOB	555	1871	2508	3328	4152	4787	5421	5834	6201	7211	8015	9291	10307	11166	11918	12902	14284	15452	18472	18215	19687	22125	24133	26648	HOB
WR	1033	4412	6438	9165	11991	14135	16438	17899	19205	22813	25701	30306	33989	37107	39838	43421	48459	52721	56450	82821	68207	77133	84490	93709	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.999																								200
400	.966																								400
600	.829																								800
800	.853																								800
1000	.503	.998																							1000
1200	.389	.995																							1200
1400	.307	.988	.999																						1400
1600	.246	.975	.997																						1600
1800	.201	.956	.994	.999																					1800
2000	.187	.930	.990	.999																					2000
2500	.111	.841	.965	.995	.999																				2500
3000	.078	.738	.921	.986	.997	.999																			3000
3500	.058	.637	.861	.968	.993	.997	.999	.999																	3500
4000	.045	.546	.792	.940	.984	.994	.998	.999	.999																4000
5000	.029	.404	.851	.860	.951	.978	.991	.994	.996	.999	.999														5000
6000	.020	.305	.528	.761	.896	.947	.975	.984	.989	.996	.998	.999													8000
7000	.015	.236	429	.862	.826	.900	.946	.964	.975	.990	.995	.998	.999												7000
8000	.011	.187	.352	.572	.750	.842	.907	.934	.952	.979	.989	.996	.998	.999	.999										8000
9000	.009	.152	.292	.493	.874	.778	.858	.894	.920	.963	.980	.992	.996	.998	.999	.999									9000
10000	.007	.125	.245	.427	.603	.713	.804	.848	.880	.939	.985	.985	.992	.996	.997	.998	.999	.999							10000

8P6

9P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	Adj VN
psi	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	psi
HOB	877	1809	2380	2999	3614	4070	4553	4858	5128	5870	6461	7396	8141	8769	9319	10038	11049	11902	12848	13920	14995	16775	18241	20077	HOB
WR	2096	4515	5608	7166	8637	9728	10882	11810	12256	14030	15442	17677	19456	20958	22271	23991	26405	28444	30227	33269	35838	40091	43594	47982	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.999																								400
600	.994																								600
800	.968																								800
1000	.914	.999																							1000
1200	.836	.996	.959																						1200
1400	.749	.990	.997	.999																					1400
1600	.662	.976	.994	.999																					1600
1800	.583	.961	.988	.997	.999																				1800
2000	.512	.936	.979	.994	.998	.999																			2000
2500	.374	.873	.938	.980	.993	.997	.998	.999	.999																2500
3000	.281	.752	.875	.950	.980	.990	.995	.997	.998	.999	.999														3000
3500	.238	.652	.798	.905	.957	.976	.987	.991	.994	.997	.998	.999													3500
4000	.171	.562	.717	.849	.923	.954	.974	.981	.986	.994	.997	.998	.999	.999											4000
5000	.114	.418	.567	.722	.830	.889	.926	.944	.956	.976	.987	.994	.997	.996	.999	.999	.999								5000
6000	.081	.317	.448	.600	.724	.796	.855	.883	.905	.945	.965	.983	.990	.994	.996	.997	.998	.999	.999						6000
7000	.060	.248	.357	.497	.622	.702	.772	.809	.837	.897	.930	.962	.976	.984	.989	.993	.996	.997	.996	.999	.999				7000
8000	.046	.195	.289	.413	.532	.612	.688	.729	.763	.838	.882	.930	.954	.968	.977	.984	.991	.994	.996	.998	.999	.999			8000
9000	.037	.158	.237	.346	.455	.533	.608	.652	.688	.773	.827	.889	.924	.944	.958	.971	.982	.988	.992	.995	.997	.999	.999		9000
10000	.030	.130	.198	.293	.391	.464	.537	.581	.618	.706	.768	.842	.886	.914	.933	.951	.969	.979	.985	.991	.994	.997	.996	.999	10000

9P0

10P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	Adj VN
psi	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	psi
HOB	832	1793	2259	2846	3430	3863	4321	4610	4867	5571	8132	7019	7726	8322	8844	9526	10485	11295	12003	13211	14231	15920	17311	19053	HOB
VR	1852	3990	5027	6333	7832	8596	9816	10259	10830	12397	13645	15619	17191	18518	19879	21198	23332	25133	26708	29396	31666	35425	38520	42397	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.959																								400
600	.987																								600
800	.943	.999																							800
1000	.864	.997	.999																						1000
1200	.767	.991	.998	.999																					1200
1400	.869	.979	.995	.999																					1400
1600	.579	.959	.988	.997	.999																				1800
1800	.500	.931	.977	.994	.996	.999																			1800
2000	.433	.896	.961	.989	.996	.998	.999	.999																	2000
2500	.309	.787	.899	.962	.986	.993	.996	.998	.998	.999															2500
3000	.228	.673	.814	.916	.963	.980	.989	.993	.995	.998	.999	.999													3000
3500	.174	.568	.723	.854	.926	.956	.975	.982	.987	.994	.997	.999	.999												3500
4000	.137	.480	.634	.782	.877	.922	.952	.965	.973	.987	.993	.997	.998	.995	.999										4000
5000	.090	.347	.485	.640	.761	.828	.881	.906	.924	.958	.974	.988	.993	.995	.997	.998	.999	.999							5000
6000	.064	.259	.374	.517	.643	.721	.790	.825	.852	.909	.938	.967	.980	.987	.991	.994	.997	.998	.999	.999	.999				6000
7000	.047	.198	.294	.419	.538	.619	.694	.736	.769	.843	.886	.933	.956	.970	.978	.985	.991	.995	.996	.998	.999	.999			7000
8000	.036	.156	.235	.343	.451	.529	.604	.648	.684	.770	.824	.887	.922	.943	.957	.970	.982	.988	.992	.995	.997	.999	.999		8000
9000	.029	.128	.191	.284	.381	.452	.525	.568	.605	.896	.757	.833	.878	.907	.927	.947	.966	.977	.983	.990	.994	.997	.998	.999	9000
10000	.023	.104	.159	.238	.324	.389	.456	.498	.534	.625	.690	.775	.828	.864	.890	.917	.945	.961	.971	.983	.989	.994	.996	.998	10000

10P0

11P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	Adj VN
psi	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	6	8	8	8	psi
HOB	790	1702	2144	2701	3255	3666	4101	4375	4619	5287	5819	6661	7332	7898	8393	9041	9950	10719	11390	12537	13505	15108	16428	18081	HOB
VR	1636	3525	4442	5596	8744	7595	8496	9065	9569	10954	12056	13801	15190	16363	17388	18731	20618	22208	23599	25975	27980	31301	34036	37462	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.998																								400
600	.974																								600
800	.905	.998																							800
1000	.801	.994	.999																						1000
1200	.689	.983	.995	.999																					1200
1400	.585	.961	.989	.997	.999																				1400
1600	.496	.929	.976	.994	.958	.999																			1600
1800	.422	.888	.957	.987	.996	.998	.999	.999																	1800
2000	.361	.841	.932	.977	.992	.996	.998	.999	.999																2000
2500	.252	.711	.845	.934	.972	.985	.992	.995	.996	.998	.999														2500
3000	.184	.589	.742	.868	.935	.962	.979	.985	.989	.995	.997	.999	.999												3000
3500	.139	.486	.641	.788	.882	.925	.954	.966	.974	.988	.993	.997	.998	.999	.999										3500
4000	.109	.403	.551	.706	.818	.875	.918	.937	.951	.975	.985	.993	.996	.998	.998	.999	.999								4000
5000	.071	.285	.408	.556	.682	.758	.822	.854	.879	.928	.953	.976	.985	.991	.993	.996	.998	.999	.999	.999					5000
6000	.050	.209	.308	.437	.559	.639	.714	.754	.787	.858	.896	.941	.962	.974	.981	.988	.993	.995	.997	.998	.999	.999			6000
7000	.037	.159	.239	.348	.458	.535	.611	.655	.691	.776	.829	.881	.925	.945	.959	.971	.983	.989	.992	.996	.997	.999	.999		7000
8000	.029	.125	.189	.281	.377	.448	.521	.564	.601	.692	.753	.830	.875	.905	.925	.946	.965	.976	.983	.990	.994	.997	.998	.999	8000
9000	.023	.100	.153	.231	.314	.378	.445	.486	.522	.613	.677	.764	.818	.856	.883	.911	.940	.957	.968	.981	.987	.993	.996	.998	9000
10000	.018	.082	.127	.192	.265	.321	.382	.420	.463	.541	.606	.697	.758	.801	.834	.869	.908	.932	.948	.967	.977	.988	.992	.996	10000

11P0

12P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	Adj VN
psi	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	psi
HOB	719	1549	1951	2459	2983	3337	3733	3983	4204	4813	5297	6064	6674	7189	7640	8230	9059	9757	10369	11412	12294	13753	14954	16459	HOB
VR	1446	3115	3925	4945	5959	6711	7507	8009	8455	9679	10653	12195	13422	14459	15364	19551	18219	19623	20852	22951	24723	27659	30074	33101	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.985																								400
600	.952	.989																							600
800	.853	.997	.999																						800
1000	.727	.987	.997	.999																					1000
1200	.606	.987	.990	.998	.999																				1200
1400	.502	.932	.977	.994	.998	.999																			1400
1600	.419	.988	.956	.987	.998	.998	.999	.999	.999																1600
1800	.351	.891	.926	.975	.991	.998	.999	.999	.999																1800
2000	.297	.773	.889	.958	.984	.992	.996	.997	.998	.999															2000
2500	.204	.929	.777	.892	.950	.972	.985	.989	.992	.997	.999	.992													2500
3000	.147	.506	.662	.805	.894	.934	.980	.971	.978	.990	.994	.997	.999	.999	.989										3000
3500	.111	.409	.557	.712	.823	.880	.921	.940	.953	.976	.986	.983	.996	.998	.998	.999	.999								3500
4000	.086	.334	.469	.923	.746	.815	.870	.897	.916	.953	.971	.986	.982	.985	.996	.998	.999	.999	.989						4000
5000	.056	.232	.338	.474	.598	.979	.751	.789	.819	.844	.919	.955	.972	.981	.996	.991	.995	.997	.998	.999	.999				5000
6000	.039	.199	.251	.365	.477	.556	.632	.975	.711	.793	.844	.903	.934	.952	.964	.976	.985	.990	.993	.996	.988	.999	.999		6000
7000	.029	.127	.193	.286	.388	.455	.527	.571	.809	.998	.759	.835	.880	.908	.929	.948	.987	.977	.984	.991	.994	.997	.998	.999	7000
8000	.022	.099	.152	.228	.311	.375	.441	.482	.518	.909	.673	.760	.815	.853	.880	.909	.939	.956	.967	.980	.987	.983	.996	.988	8000
9000	.018	.079	.172	.186	.257	.312	.371	.409	.442	.529	.594	.685	.746	.791	.824	.861	.901	.926	.943	.964	.975	.966	.982	.985	9000
10000	.014	.065	.100	.154	.214	.263	.315	.349	.379	.461	.523	.814	.879	.727	.765	.808	.867	.888	.912	.941	.958	.976	.985	.991	10000

12P0

12P1

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	13.0	12.1	12.0	11.9	11.9	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	Adj VN
psi	12	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	psi
HOB	659	1529	1951	2484	3014	3407	3824	4086	4319	4959	5488	6273	6915	7457	7930	8550	9421	10156	10799	11896	12822	14356	15619	17201	HOB
VR	1280	3058	3925	5018	6106	6913	7788	8307	8795	10099	11145	12800	14118	15231	16204	17478	19267	20778	22099	24353	26256	29406	32004	35255	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.989																								400
600	.919	.999																							600
800	.799	.986	.999																						800
1000	.647	.986	.997	.999																					1000
1200	.524	.963	.990	.999	.999																				1200
1400	.425	.927	.977	.994	.998	.999																			1400
1600	.349	.878	.956	.988	.996	.988	.999	.999																	1600
1800	.289	.822	.926	.977	.992	.996	.999	.999	.999																1800
2000	.242	.762	.889	.961	.986	.993	.987	.999	.998	.999															2000
2500	.164	.616	.777	.898	.955	.976	.987	.991	.994	.997	.999	.999													2500
3000	.117	.494	.662	.813	.903	.942	.966	.976	.982	.992	.996	.998	.999	.999											3000
3500	.089	.398	.557	.722	.835	.892	.932	.949	.961	.981	.989	.995	.997	.998	.999	.999									3500
4000	.069	.325	.469	.833	.761	.831	.885	.910	.928	.962	.977	.989	.994	.996	.997	.998	.999	.999							4000
5000	.044	.224	.338	.484	.615	.699	.771	.810	.839	.900	.933	.964	.978	.986	.990	.994	.996	.996	.998	.999	.999				5000
6000	.031	.193	.251	.373	.493	.576	.955	.899	.735	.817	.966	.919	.947	.963	.973	.992	.989	.993	.995	.997	.998	.999			6000
7000	.023	.123	.193	.293	.397	.473	.550	.596	.634	.726	.786	.858	.900	.926	.943	.960	.975	.983	.988	.993	.996	.996	.999	.999	7000
8000	.018	.096	.152	.234	.324	.392	.463	.506	.543	.633	.703	.789	.841	.877	.901	.927	.952	.967	.976	.986	.991	.995	.997	.998	8000
9000	.014	.076	.122	.191	.267	.327	.391	.431	.466	.559	.625	.717	.777	.820	.851	.881	.921	.942	.956	.973	.982	.990	.994	.987	9000
10000	.011	.062	.100	.159	.224	.276	.333	.369	.401	.474	.553	.947	.712	.759	.796	.836	.882	.911	.950	.955	.966	.983	.989	.994	10000

12P1

12P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000
Adj VN	14.1	12.3	12.0	11.7	11.9	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.9
psi	15	11	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	9
HOB	393	1506	1951	2513	3072	3487	3925	4203	4448	5123	5660	6511	7186	7759	8259	8914	9832	10608	11287	12546	13526	15147	16483	18156
WR	1121	2986	3925	5101	6274	7146	8069	8651	9199	10590	11721	13512	14939	16144	17197	18576	20513	22149	23579	26020	28082	31495	34306	37827
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD
200																								
400	.977																							
600	.999	.999																						
800	.707	.999	.999																					
1000	.557	.984	.997	.999																				
1200	.439	.998	.990	.998	.999																			
1400	.349	.920	.977	.995	.999	.999																		
1600	.282	.880	.956	.990	.997	.999	.999																	
1800	.231	.811	.926	.979	.993	.997	.999	.999	.999															
2000	.193	.749	.886	.964	.988	.994	.997	.999	.999															
2500	.129	.602	.777	.904	.961	.990	.990	.993	.995	.999	.999													
3000	.092	.461	.662	.822	.913	.950	.972	.981	.999	.984	.997	.999	.999											
3500	.069	.386	.557	.732	.849	.904	.942	.958	.969	.985	.992	.997	.998	.999	.999									
4000	.053	.314	.469	.644	.777	.847	.880	.924	.940	.970	.982	.992	.936	.997	.998	.999	.999							
5000	.034	.219	.380	.434	.683	.720	.793	.881	.880	.917	.946	.873	.934	.990	.993	.999	.998	.999	.999	.996				
6000	.024	.187	.251	.382	.511	.590	.680	.725	.761	.841	.887	.936	.959	.972	.980	.987	.993	.995	.997	.998	.999	.999		
7000	.019	.113	.193	.301	.413	.486	.576	.623	.662	.755	.814	.882	.920	.942	.956	.970	.982	.988	.992	.995	.997	.999	.999	
8000	.014	.092	.152	.241	.339	.411	.487	.533	.572	.669	.735	.819	.859	.900	.922	.944	.965	.976	.983	.990	.994	.997	.999	.999
9000	.011	.073	.122	.196	.299	.344	.419	.466	.494	.590	.659	.751	.809	.849	.879	.908	.939	.957	.968	.981	.983	.994	.998	.999
10000	.008	.060	.100	.163	.234	.291	.353	.392	.427	.519	.587	.688	.748	.794	.829	.866	.906	.931	.947	.967	.973	.986	.993	.999

12P2

13P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000
Adj VN	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
psi	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
HOB	657	1415	1788	2246	2707	3049	3410	3630	3841	4397	4809	5540	6097	6549	6980	7519	8275	8914	9479	10426	11231	12564	13662	15037
WR	1270	2752	3468	4009	5265	5930	6634	7077	7471	8552	9419	10775	11800	12775	13576	14624	16096	17339	18425	20200	21846	24438	26574	29249
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD
200																								
400	.999																							
600	.919	.998																						
800	.787	.993	.998																					
1000	.646	.975	.993	.999	.999																			
1200	.522	.941	.981	.995	.998	.999																		
1400	.424	.880	.953	.988	.995	.998	.999	.999																
1600	.347	.828	.924	.974	.991	.995	.998	.999	.999															
1800	.288	.782	.882	.954	.982	.991	.995	.997	.998	.999	.999													
2000	.242	.695	.832	.927	.969	.983	.991	.984	.996	.999	.999													
2500	.163	.545	.700	.839	.915	.949	.970	.979	.984	.993	.999	.999	.999	.999										
3000	.117	.427	.579	.732	.889	.862	.930	.948	.966	.979	.988	.995	.997	.998	.999	.999								
3500	.080	.339	.475	.630	.752	.820	.875	.901	.920	.955	.972	.987	.992	.995	.997	.999	.999	.986	.999					
4000	.068	.274	.394	.540	.606	.743	.809	.843	.880	.920	.947	.971	.983	.989	.992	.995	.997	.999	.999	.999				
5000	.044	.187	.277	.398	.515	.598	.672	.713	.748	.825	.872	.923	.949	.964	.973	.982	.990	.998	.995	.997	.999	.999		
6000	.031	.134	.203	.300	.401	.474	.549	.592	.629	.719	.777	.850	.892	.919	.937	.955	.972	.981	.986	.992	.995	.997	.999	.999
7000	.023	.101	.154	.232	.319	.380	.447	.480	.524	.615	.680	.766	.820	.859	.884	.912	.941	.958	.969	.981	.989	.994	.998	.998
8000	.017	.070	.121	.184	.254	.309	.368	.400	.438	.525	.590	.681	.743	.787	.821	.858	.899	.924	.942	.963	.974	.986	.991	.995
9000	.014	.062	.097	.149	.200	.255	.308	.339	.369	.449	.511	.602	.666	.715	.754	.797	.846	.882	.905	.939	.954	.973	.983	.990
10000	.011	.051	.079	.123	.172	.213	.259	.287	.319	.388	.443	.530	.599	.646	.686	.734	.792	.832	.862	.902	.927	.956	.970	.982

13P0

14PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	Adj VN
psi	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	psi
HOB	597	1285	1620	2041	2459	2789	3096	3305	3489	3994	4396	5032	5539	5987	6340	6890	7517	8098	8605	9471	10203	11414	12411	13320	HOB
WR	1129	2432	3084	3861	4652	5240	5861	6253	6601	7557	8317	9521	10479	11288	11996	12922	14222	15321	16281	17919	19303	21594	23481	25044	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200																									200
400	.978																								400
600	.871	.997	.999																						600
800	.711	.986	.996	.999																					800
1000	.562	.954	.986	.997	.999	.999																			1000
1200	.443	.902	.964	.990	.997	.998	.999	.999																	1200
1400	.353	.838	.927	.975	.991	.996	.998	.999	.999																1400
1600	.285	.756	.879	.953	.981	.991	.995	.997	.996	.999	.999														1600
1800	.234	.683	.823	.921	.996	.982	.990	.993	.995	.996	.999	.999													1800
2000	.195	.612	.763	.682	.944	.998	.992	.968	.991	.996	.998	.999	.999												2000
2500	.130	.464	.616	.786	.866	.914	.946	.960	.999	.985	.991	.999	.998	.999	.999	.999									2500
3000	.093	.356	.495	.651	.770	.836	.887	.912	.929	.991	.976	.989	.984	.996	.997	.996	.999	.999							3000
3500	.069	.278	.399	.546	.672	.749	.814	.847	.872	.923	.949	.974	.984	.990	.993	.995	.997	.999	.999	.999					3500
4000	.053	.222	.326	.459	.582	.682	.736	.775	.806	.873	.911	.950	.998	.976	.984	.990	.994	.996	.997	.999	.999				4000
5000	.035	.149	.225	.330	.436	.512	.587	.631	.666	.755	.810	.877	.914	.936	.951	.966	.979	.966	.990	.994	.997	.999	.999	.999	5000
6000	.024	.107	.163	.245	.332	.396	.466	.500	.544	.636	.700	.784	.898	.871	.886	.922	.949	.964	.973	.984	.980	.995	.997	.996	6000
7000	.016	.080	.123	.187	.258	.314	.374	.411	.444	.532	.596	.687	.749	.793	.826	.863	.903	.927	.944	.964	.975	.987	.992	.995	7000
8000	.014	.062	.066	.147	.206	.252	.303	.336	.365	.445	.507	.596	.662	.711	.750	.794	.845	.879	.903	.934	.953	.973	.982	.980	8000
9000	.011	.049	.077	.119	.167	.206	.250	.278	.304	.375	.432	.518	.589	.833	.674	.723	.791	.823	.853	.895	.921	.951	.967	.980	9000
10000	.009	.040	.063	.097	.138	.171	.208	.233	.255	.319	.370	.450	.512	.562	.603	.653	.717	.763	.799	.849	.882	.923	.946	.986	10000

14PO

15PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	7500	3000	4000	5000	7000	9000	12000	KT
Adj VN	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	Adj VN
psi	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	psi
HOB	538	1160	1462	1842	2219	2499	2796	2983	3149	3605	3966	4542	4999	5385	5722	6104	6784	7306	7766	8546	9208	10301	11201	12326	HOB
WR	997	2149	2707	3411	4111	4630	5179	5525	5833	6677	7349	8413	9259	9974	10599	11416	12567	13537	14385	15833	17056	19080	20747	22636	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.999																								200
400	.959																								400
600	.810	.994	.999																						600
800	.629	.972	.992	.999	.999																				800
1000	.480	.922	.973	.993	.398	.999	.999																		1000
1200	.369	.849	.936	.979	.993	.996	.998	.999	.999																1200
1400	.290	.764	.683	.955	.882	.991	.995	.997	.998	.999	.999														1400
1600	.232	.679	.820	.915	.965	.981	.980	.993	.995	.996	.999	.999													1600
1800	.199	.600	.752	.875	.939	.965	.980	.986	.990	.999	.996	.999	.999												1800
2000	.156	.529	.684	.824	.907	.943	.966	.976	.982	.992	.995	.996	.999	.999											2000
2500	.104	.389	.534	.690	.804	.864	.910	.930	.945	.971	.983	.992	.995	.997	.999	.999	.999								2500
3000	.073	.292	.417	.567	.692	.767	.830	.862	.685	.932	.956	.978	.987	.991	.994	.996	.999	.999	.999	.999					3000
3500	.054	.226	.331	.465	.589	.669	.742	.781	.811	.877	.914	.952	.970	.979	.985	.990	.995	.997	.996	.999	.999				3500
4000	.042	.179	.266	.384	.499	.579	.655	.698	.732	.812	.861	.915	.943	.959	.970	.980	.988	.992	.995	.997	.996	.999	.999		4000
5000	.027	.119	.181	.270	.363	.433	.504	.547	.584	.675	.737	.817	.884	.899	.817	.939	.961	.973	.980	.989	.993	.996	.999	.999	5000
6000	.019	.084	.130	.198	.272	.329	.391	.430	.463	.552	.617	.707	.767	.810	.842	.876	.913	.936	.951	.969	.979	.889	.963	.996	6000
7000	.014	.063	.096	.150	.209	.256	.308	.341	.371	.451	.513	.604	.669	.718	.756	.800	.850	.883	.907	.937	.955	.974	.963	.990	7000
8000	.011	.049	.070	.117	.165	.204	.247	.275	.301	.372	.428	.514	.579	.629	.670	.719	.776	.820	.851	.893	.919	.950	.966	.980	8000
9000	.008	.039	.061	.094	.133	.165	.202	.226	.248	.309	.360	.439	.500	.549	.590	.641	.705	.752	.788	.840	.875	.917	.942	.963	9000
10000	.007	.031	.049	.077	.110	.137	.167	.188	.207	.260	.305	.376	.433	.480	.520	.569	.635	.684	.724	.763	.824	.877	.910	.939	10000

15PO

16PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.0	16.0	18.0	18.0	18.0	18.0	16.0	16.0	18.0	16.0	19.0	18.0	18.0	18.0	16.0	16.0	18.0	18.0	16.0	18.0	18.0	16.0	18.0	16.0	Adj VN
psi	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	psi
HOB	482	1039	1309	1649	1988	2239	2504	2672	2820	3229	3553	4088	4477	4823	5125	5521	6076	6545	6958	7658	8247	9225	10082	11041	HOB
WR	981	1899	2392	3014	3632	4091	4576	4982	5154	5900	6494	7433	8182	8813	9366	10089	11104	11962	12711	13990	15071	16859	18332	20177	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.998																								200
400	.929	.999																							400
600	.737	.989	.997	.999																					600
800	.545	.949	.964	.996	.999	.999																			800
1000	.403	.875	.951	.985	.995	.998	.999	.999	.999																1000
1200	.304	.782	.995	.961	.995	.993	.996	.997	.998	.999															1200
1400	.236	.686	.825	.322	.967	.982	.990	.993	.995	.998	.999														1400
1600	.187	.596	.748	.872	.939	.964	.980	.986	.990	.995	.997	.999	.999												1600
1800	.151	.516	.672	.814	.900	.938	.963	.973	.980	.991	.995	.998	.999	.999	.999										1800
2000	.125	.448	.601	.753	.855	.905	.940	.955	.985	.993	.998	.996	.998	.998	.999	.999									2000
2500	.082	.321	.453	.606	.730	.801	.859	.887	.908	.949	.987	.984	.991	.994	.996	.997	.999	.999	.999						2500
3000	.059	.238	.347	.484	.609	.699	.760	.799	.829	.890	.924	.958	.974	.983	.989	.992	.995	.997	.998	.999	.999				3000
3500	.043	.182	.271	.390	.508	.585	.661	.704	.739	.818	.865	.919	.945	.961	.971	.981	.989	.993	.995	.997	.998	.999	.999		3500
4000	.033	.143	.216	.317	.421	.496	.571	.615	.651	.740	.797	.866	.905	.929	.946	.962	.978	.984	.989	.994	.996	.998	.999	.999	4000
5000	.021	.094	.145	.219	.299	.361	.426	.466	.501	.592	.657	.745	.801	.841	.869	.900	.932	.951	.963	.977	.985	.992	.995	.997	5000
6000	.015	.067	.103	.159	.220	.270	.323	.359	.388	.471	.533	.625	.689	.737	.774	.818	.864	.895	.917	.945	.961	.978	.986	.992	6000
7000	.011	.050	.077	.119	.168	.207	.251	.280	.306	.377	.434	.521	.595	.636	.677	.725	.784	.825	.855	.896	.922	.952	.968	.981	7000
8000	.008	.039	.066	.093	.132	.164	.200	.223	.245	.306	.358	.435	.496	.545	.586	.637	.701	.748	.785	.837	.872	.915	.940	.962	8000
9000	.007	.030	.048	.074	.106	.132	.162	.182	.200	.252	.296	.366	.422	.469	.507	.557	.622	.672	.712	.772	.814	.869	.903	.934	9000
10000	.005	.025	.039	.061	.087	.109	.134	.150	.166	.211	.249	.310	.361	.403	.440	.487	.551	.601	.642	.706	.753	.819	.860	.900	10000

16PO

17PO

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	Adj VN
psi	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	psi
HOB	429	922	1192	1464	1764	1987	2223	2371	2503	2865	3154	3610	3973	4280	4549	4900	5393	5809	6173	6795	7319	8199	8903	9799	HOB
WR	779	1678	2114	2663	3209	3615	4044	4314	4554	5213	5738	6568	7229	7787	8275	8914	9812	10569	11231	12362	13318	14897	16199	17829	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.997																								200
400	.886	.998	.999																						400
600	.656	.977	.994	.999																					600
800	.464	.914	.969	.991	.997	.999	.999																		800
1000	.334	.815	.916	.971	.989	.995	.997	.999	.999	.999															1000
1200	.249	.705	.840	.932	.971	.985	.992	.995	.996	.999	.999														1200
1400	.190	.602	.754	.876	.940	.966	.981	.987	.990	.996	.998	.999	.999												1400
1600	.150	.512	.668	.811	.899	.937	.962	.972	.979	.990	.995	.998	.999	.999	.999										1600
1800	.121	.437	.569	.742	.846	.899	.935	.951	.962	.981	.989	.995	.997	.999	.999	.999									1800
2000	.099	.375	.519	.673	.790	.853	.901	.923	.939	.967	.980	.991	.995	.997	.999	.999	.999	.999							2000
2500	.065	.263	.379	.523	.649	.727	.795	.830	.857	.912	.941	.969	.981	.987	.991	.994	.997	.998	.999	.999					2500
3000	.045	.192	.285	.407	.526	.606	.681	.724	.757	.834	.879	.929	.952	.967	.976	.984	.990	.994	.996	.998	.999	.999			3000
3500	.034	.146	.22[illegible]	.322	.427	.502	.577	.621	.659	.746	.802	.870	.909	.932	.948	.963	.977	.985	.989	.994	.996	.998	.999	.999	3500
4000	.026	.114	.174	.259	.350	.418	.499	.531	.569	.659	.722	.803	.853	.886	.909	.933	.956	.969	.979	.987	.991	.996	.997	.999	4000
5000	.017	.075	.115	.176	.244	.297	.354	.391	.423	.509	.573	.664	.727	.773	.809	.846	.889	.916	.935	.959	.971	.984	.990	.994	5000
6000	.012	.053	.082	.126	.177	.219	.264	.294	.321	.395	.453	.541	.606	.659	.697	.744	.801	.840	.869	.909	.932	.959	.973	.984	6000
7000	.009	.039	.061	.095	.134	.167	.203	.227	.249	.311	.362	.441	.502	.552	.593	.643	.707	.754	.790	.842	.876	.919	.943	.963	7000
8000	.007	.030	.047	.074	.105	.131	.160	.180	.199	.250	.293	.363	.419	.464	.503	.553	.613	.669	.708	.768	.811	.867	.901	.933	8000
9000	.005	.024	.037	.059	.084	.105	.129	.146	.161	.204	.241	.301	.351	.392	.429	.475	.539	.589	.630	.694	.742	.809	.851	.893	9000
10000	.004	.019	.030	.049	.069	.086	.106	.120	.132	.169	.201	.253	.297	.334	.367	.410	.469	.519	.558	.623	.673	.746	.796	.840	10000

17PO

17P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.1	17.3	17.0	16.7	16.6	16.5	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.1	16.1	16.1	16.0	16.0	18.0	16.0	16.0	18.0	15.9	15.9	Adj VN
psi	36	26	25	24	23	23	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	20	20	psi
HOB	323	886	1162	1510	1856	2113	2385	2557	2710	3128	3461	3988	4408	4763	5073	5478	6048	6529	8950	7668	8274	9278	10105	11141	HOB
WR	604	1613	2114	2746	3379	3849	4346	4660	4939	5704	6313	7278	8046	8695	9263	10006	11049	11930	12700	14015	15125	16964	18478	20374	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.985																								200
400	.754	.997	.999																						400
600	.486	.972	.994	.999																					600
800	.318	.900	.969	.993	.996	.999																			800
1000	.219	.793	.916	.975	.992	.996	.998	.999	.999																1000
1200	.159	.680	.840	.940	.976	.989	.995	.997	.998	.999	.999														1200
1400	.120	.576	.754	.889	.953	.975	.987	.991	.994	.997	.999	.999													1400
1600	.093	.487	.666	.827	.916	.952	.973	.982	.987	.994	.997	.999	.999												1600
1800	.075	.413	.589	.761	.870	.920	.953	.966	.975	.989	.994	.997	.999	.999	.999										1800
2000	.061	.353	.518	.694	.819	.881	.925	.945	.958	.979	.988	.995	.997	.998	.999	.999									2000
2500	.040	.246	.379	.544	.683	.766	.834	.867	.892	.939	.962	.982	.990	.993	.995	.997	.998	.999	.999						2500
3000	.028	.179	.285	.426	.560	.646	.728	.771	.805	.876	915	.954	.972	.981	.987	.992	.995	.997	.998	.999	.999				3000
3500	.020	.135	.219	.338	.459	.544	.626	.673	.711	.799	852	.911	.941	.959	.970	.980	.988	.993	.995	.997	.998	.999	.999		3500
4000	.016	.106	.174	.273	.379	.457	.536	.583	.623	.716	781	.856	.899	.925	.943	.960	.976	.984	.989	.994	.996	.998	.999	.999	4000
5000	.010	.069	.115	.186	.266	.328	.395	.437	.473	.569	.638	.731	.792	.834	.864	.897	.930	.950	.963	.977	.985	.992	.995	.998	5000
6000	.007	.049	.082	.134	.194	.243	.296	.333	.364	.449	.515	.811	.678	.729	.768	.812	.862	.894	.917	.545	.981	.978	.987	.992	6000
7000	.005	.036	.061	.100	.147	.186	.230	.259	.285	.358	.417	.507	.574	.627	.669	.720	.781	.823	.855	.897	.924	.954	.989	.982	7000
8000	.004	.028	.047	.078	.115	.146	.182	.206	.228	.290	.341	.422	.485	.538	.579	.631	.697	.746	.784	.838	.874	.917	.942	.963	8000
9000	.003	.022	.037	.062	.092	.116	.147	.167	.186	.238	.283	.354	.412	.459	.500	.551	.619	.870	.711	.773	.818	.872	.908	.937	9000
10000	.003	.018	.030	.051	.076	.097	.122	.136	.154	.199	.237	.300	.352	.395	.433	.482	.547	.599	.642	.707	.755	.821	.863	.904	10000

17P2

18P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	16.0	16.0	16.0	16.0	16.0	18.0	18.0	16.0	16.0	16.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	Adj VN
psi	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	psi
HOB	376	810	1020	1265	1549	1743	1951	2082	2197	2515	2769	3169	3468	3758	3993	4301	4734	5100	5419	5965	6425	7188	7816	8603	HOB
WR	688	1482	1866	2353	2636	3194	3573	3812	4024	4606	5070	5804	6388	6681	7312	7877	8670	9339	9924	10923	11766	13163	14313	15754	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.993																								200
400	.826	.996	.999																						400
600	.572	.956	.967	.997	.999																				600
800	.389	.865	.945	.983	.994	.997	.999	.999	.999																800
1000	.274	.743	.866	.947	.979	.969	.994	.996	.997	.999	.999														1000
1200	.201	.623	.772	.689	.946	.971	.984	.989	.992	.996	.998	.999													1200
1400	.152	.519	.675	.616	.901	.939	.964	.974	.960	.991	.995	.998	.999	.999	.999										1400
1600	.119	.433	.584	.736	.843	.896	.933	.950	.961	.980	.989	.995	.997	.998	.999	.999									1600
1800	.096	.364	.506	.661	.780	.644	.894	.917	.934	.964	.978	.990	.994	.996	.997	.998	.999	.999							1800
2000	.076	.309	.436	.590	.715	.787	.847	.877	.699	.942	.963	.981	.989	.993	.995	.997	.998	.999	.999						2000
2500	.051	.213	.313	.443	.565	.646	.720	.760	.792	.862	.902	.944	.964	.975	.982	.986	.993	.996	.997	.998	.999	.999			2500
3000	.036	.154	.231	.336	.446	.522	.598	.642	.678	.764	.819	.883	.919	.941	.955	.968	.981	.987	.991	.995	.997	.498	.999	.999	3000
3500	.026	.116	.177	.263	.355	.424	.495	.536	.574	.666	.728	.809	.858	.890	.912	.935	.958	.971	.979	.988	.992	.996	.998	.999	3500
4000	.020	.090	.139	.210	.287	.347	.411	.451	.485	.575	.640	.729	.787	.828	.658	.891	.924	.945	.958	.974	.983	.991	.994	.997	4000
5000	.013	.059	.092	.141	.197	.242	.291	.323	.352	.430	.490	.581	.646	.695	.734	.780	.832	.868	.894	.927	.947	.969	.980	.988	5000
6000	.009	.041	.065	.100	.142	.176	.214	.239	.262	.327	.379	.460	.522	.572	.614	.664	.727	.772	.807	.856	.689	.928	.950	.968	6000
7000	.007	.031	.046	.075	.107	.133	.163	.163	.201	.254	.296	.368	.424	.470	.510	.560	.625	.675	.714	.774	.816	.871	.905	.935	7000
8000	.005	.023	.037	.056	.063	.104	.126	.144	.159	.202	.236	.296	.347	.389	.425	.471	.534	.584	.626	.690	.738	.804	.848	.891	8000
9000	.004	.019	.029	.046	.066	.063	.103	.116	.126	.164	.194	.246	.286	.325	.357	.399	.458	.508	.545	.611	.661	.734	.785	.837	9000
10000	.003	.015	.024	.036	.054	.066	.084	.095	.105	.135	.161	.205	.242	.274	.302	.340	.394	.436	.477	.540	.590	.666	.721	.780	10000

18P0

18P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	20.1	18.3	18.0	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.2	17.2	17.1	17.1	17.1	17.1	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.9	Adj VN
psi	43	32	30	29	28	27	27	27	27	26	26	26	26	25	25	25	25	25	25	25	25	25	25	25	psi
HOB	295	775	1020	1329	1637	1866	2108	2261	2396	2768	3065	3534	3907	4222	4496	4859	5366	5794	6168	6807	7346	8239	9974	9895	HOB
WR	513	1426	1866	2426	2996	3401	3840	4117	4364	5040	5578	6431	7110	7683	8184	8841	9763	10541	11222	12384	13365	14989	16327	18003	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.965																								200
400	.648	.994	.999																						400
600	.386	.949	.987	.997	.999																				600
800	.243	.846	.945	.985	.996	.998	.999	.999																	800
1000	.165	.716	.868	.954	.984	.992	.996	.998	.998	.999															1000
1200	.116	.596	.772	.901	.959	.979	.989	.993	.995	.998	.999														1200
1400	.088	.493	.675	.832	.919	.954	.975	.983	.987	.995	.997	.999	.999												1400
1600	.068	.410	.584	.757	.868	.918	.952	.965	.974	.988	.993	.997	.999	.999	.999										1600
1800	.055	.343	.506	.682	.809	.873	.919	.940	.954	.977	.987	.994	.997	.998	.999	.999									1800
2000	.044	.290	.438	.611	.747	.822	.880	.907	.927	.961	.977	.989	.994	.996	.998	.998	.999	.999							2000
2500	.029	.199	.313	.463	.600	.688	.765	.805	.836	.900	.933	.965	.979	.986	.991	.994	.997	.998	.999	.999					2500
3000	.020	.143	.231	.355	.478	.565	.647	.693	.731	.816	.866	.921	.949	.964	.974	.983	.990	.994	.996	.998	.999	.999			3000
3500	.015	.108	.177	.277	.384	.463	.543	.590	.629	.724	.786	.861	.902	.928	.945	.962	.977	.985	.989	.994	.996	.998	.999	.999	3500
4000	.011	.084	.139	.221	.312	.382	.455	.500	.539	.638	.704	.791	.845	.880	.905	.930	.955	.969	.978	.987	.992	.996	.998	.999	4000
5000	.007	.055	.092	.149	.215	.268	.327	.364	.397	.487	.554	.650	.716	.765	.809	.842	.887	.916	.935	.958	.971	.984	.990	.995	5000
6000	.005	.036	.065	.106	.156	.196	.242	.272	.300	.375	.435	.527	.595	.647	.689	.739	.798	.839	.869	.908	.933	.960	.974	.984	6000
7000	.004	.026	.046	.079	.117	.149	.186	.210	.232	.295	.346	.426	.492	.543	.586	.638	.704	.752	.790	.843	.878	.921	.945	.965	7000
8000	.003	.022	.037	.062	.091	.117	.146	.166	.184	.236	.280	.351	.408	.456	.496	.547	.615	.666	.708	.769	.813	.870	.904	.935	8000
9000	.002	.017	.029	.049	.073	.094	.117	.134	.149	.192	.230	.291	.342	.385	.422	.470	.535	.587	.629	.695	.744	.811	.855	.897	9000
10000	.002	.014	.024	.040	.060	.077	.096	.110	.122	.159	.191	.244	.289	.327	.361	.405	.466	.516	.558	.625	.676	.750	.800	.851	10000

18P2

19P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	Adj VN
psi	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	psi
HOB	325	701	883	1113	1341	1511	1690	1803	1903	2179	2398	2745	3021	3255	3458	3726	4100	4417	4694	5166	5565	6226	6770	7451	HOB
WR	608	1310	1650	2079	2506	2822	3157	3368	3556	4070	4400	5128	5644	6080	6461	6960	7660	8252	8769	9651	10397	11631	12647	13920	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.986																								200
400	.758	.991	.998	.999																					400
600	.490	.927	.975	.993	.996	.999	.999																		600
800	.322	.802	.908	.967	.988	.994	.997	.998	.999	.999															800
1000	.222	.662	.806	.911	.960	.978	.988	.992	.994	.997	.999	.999													1000
1200	.161	.539	.695	.832	.912	.947	.969	.978	.983	.992	.996	.998	.999	.999											1200
1400	.121	.439	.591	.744	.848	.900	.936	.952	.963	.981	.989	.995	.997	.998	.998	.999									1400
1600	.095	.361	.502	.657	.776	.841	.891	.915	.932	.963	.977	.989	.994	.996	.997	.998	.999	.999							1600
1800	.076	.303	.427	.577	.703	.777	.836	.869	.892	.937	.959	.979	.988	.992	.995	.997	.998	.999	.999						1800
2000	.062	.252	.365	.507	.632	.711	.781	.817	.845	.903	.934	.965	.978	.986	.990	.993	.996	.998	.998	.999	.999				2000
2500	.040	.171	.255	.370	.483	.562	.638	.681	.717	.798	.849	.908	.936	.954	.966	.977	.986	.991	.994	.997	.998	.999	.999		2500
3000	.028	.123	.186	.277	.372	.443	.515	.558	.595	.686	.747	.825	.871	.902	.922	.943	.964	.975	.982	.990	.993	.997	.998	.999	3000
3500	.021	.092	.141	.213	.292	.353	.417	.457	.492	.582	.647	.735	.793	.833	.863	.894	.927	.947	.960	.975	.984	.991	.995	.997	3500
4000	.016	.071	.110	.169	.234	.285	.341	.377	.408	.493	.556	.648	.711	.758	.794	.834	.879	.908	.928	.953	.967	.981	.988	.993	4000
5000	.010	.046	.072	.112	.156	.195	.237	.264	.289	.358	.413	.496	.567	.612	.653	.703	.763	.806	.838	.862	.911	.944	.962	.977	5000
6000	.007	.032	.051	.079	.113	.141	.172	.193	.212	.267	.313	.385	.443	.490	.530	.580	.645	.695	.734	.792	.832	.884	.915	.943	6000
7000	.005	.024	.036	.059	.084	.106	.130	.147	.162	.205	.242	.303	.353	.395	.431	.476	.541	.591	.632	.698	.744	.810	.853	.894	7000
8000	.004	.018	.029	.046	.065	.082	.101	.115	.127	.162	.192	.243	.285	.322	.354	.396	.454	.502	.542	.607	.657	.731	.782	.834	8000
9000	.003	.015	.023	.036	.052	.066	.081	.092	.102	.131	.156	.198	.234	.265	.293	.330	.383	.427	.465	.527	.577	.653	.709	.769	9000
10000	.003	.012	.019	.029	.042	.053	.066	.075	.083	.108	.129	.164	.195	.222	.246	.279	.326	.365	.400	.459	.507	.582	.639	.703	10000

19P0

19P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	21.1	19.3	19.0	18.7	18.6	18.5	18.4	18.4	16.3	19.3	16.2	16.2	18.1	18.1	18.1	18.1	18.0	18.0	18.0	18.0	18.0	19.0	17.9	17.9	Adj VN
psi	52	38	36	34	33	33	32	32	32	31	31	31	31	30	30	30	30	30	30	30	30	30	30	29	psi
HOB	245	689	983	1156	1427	1628	1841	1975	2095	2422	2683	3096	3424	3702	3944	4262	4708	5085	5414	5976	6451	7237	7684	8695	HOB
VR	481	1260	1650	2145	2639	3005	3393	3638	3856	4453	4929	5682	6282	6799	7232	7812	8626	9314	9919	10572	11809	13244	14427	15907	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.952																								200
400	.604	.998	.999																						400
600	.349	.914	.975	.994	.999	.999																			600
800	.217	.779	.909	.972	.991	.996	.996	.999	.999																800
1000	.146	.636	.806	.921	.969	.995	.992	.995	.996	.999	.999														1000
1200	.104	.513	.695	.849	.929	.960	.979	.985	.999	.996	.999	.999	.999												1200
1400	.078	.416	.591	.763	.872	.921	.954	.967	.975	.989	.994	.997	.999	.999	.999										1400
1600	.060	.340	.502	.679	.806	.871	.918	.939	.952	.977	.997	.994	.997	.999	.999	.999									1600
1800	.048	.281	.427	.596	.736	.812	.872	.901	.921	.959	.975	.999	.994	.996	.997	.998	.999	.999							1800
2000	.039	.236	.365	.527	.667	.751	.821	.856	.982	.932	.957	.979	.989	.992	.995	.997	.999	.999	.999						2000
2500	.025	.159	.255	.389	.517	.604	.686	.731	.767	.846	.891	.939	.961	.973	.981	.999	.993	.996	.997	.999	.999				2500
3000	.019	.114	.186	.292	.402	.492	.563	.610	.650	.744	.804	.874	.913	.937	.952	.967	.980	.987	.991	.995	.997	.998	.999		3000
3500	.013	.065	.141	.225	.317	.399	.462	.507	.545	.843	.710	.797	.950	.984	.909	.933	.957	.971	.979	.998	.992	.986	.998	.999	3500
4000	.010	.066	.110	.176	.255	.316	.381	.422	.459	.552	.621	.716	.779	.821	.853	.687	.923	.944	.950	[illegible]	.983	.991	.395	.997	4000
5000	.006	.043	.072	.119	.173	.219	.267	.300	.329	.409	.472	.566	.634	.686	.727	.775	.830	.867	.993	.927	.948	.970	.981	.999	5000
6000	.004	.030	.051	.084	.124	.159	.196	.221	.244	.310	.363	.447	.511	.553	.606	.659	.723	.771	.807	.857	.990	.930	.952	.970	9000
7000	.003	.022	.036	.063	.093	.119	.149	.169	.187	.240	.284	.359	.414	.462	.503	.554	.621	.673	.714	.775	.919	.874	.909	.938	7000
8000	.002	.017	.029	.048	.072	.092	.116	.132	.147	.190	.227	.299	.339	.381	.419	.466	.531	.583	.625	.691	.740	.809	.952	.894	8000
9000	.002	.013	.023	.038	.059	.074	.093	.106	.119	.154	.185	.237	.280	.318	.351	.394	.454	.504	.545	.912	.984	.739	.790	.842	9000
10000	.002	.011	.019	.031	.047	.060	.076	.087	.097	.127	.153	.197	.235	.298	.297	.336	.391	.437	.476	.541	.592	.670	.729	.785	10000

19P2

21P9

KT	1	10	20	40	70	100	140	170	200	300	400	609	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	31.0	23.1	21.0	19.0	17.6	16.7	15.[illegible]	15.5	15.2	14.4	13.9	13.2	12.9	12.5	12.3	12.0	11.7	11.5	11.3	11.0	10.8	10.9	10.4	10.2	Adj VN
psi	318	76	52	36	29	24	2[illegible]	19	18	15	14	13	12	11	11	10	9	9	9	9	8	9	7	7	psi
HOB	102	397	672	1110	1644	2064	2525	2823	3090	3839	4445	5419	6203	6868	7454	8224	9310	10230	11035	12414	13627	15449	18954	19841	HOB
VR	252	904	1309	2075	2996	3757	4619	5187	5707	7195	8432	10466	12136	13569	14844	16535	18941	20996	22809	25926	28580	33000	36670	41290	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.635	.999																							200
400	.235	.937	.991	.999																					400
600	.114	.752	.927	.993	.999																				600
800	.066	.562	.801	.967	.996	.999																			800
1000	.043	.416	.662	.910	.984	.996	.999	.999																	1000
1200	.030	.317	.539	.831	.960	.996	.996	.998	.999																1200
1400	.022	.246	.439	.743	.921	.972	.991	.995	.998	.999															1400
1600	.017	.195	.361	.656	.870	.946	.981	.990	.994	.999	.999														1600
1800	.013	.159	.300	.576	.811	.912	.965	.981	.989	.997	.999														1800
2000	.011	.131	.252	.505	.750	.871	.942	.966	.980	.995	.999	.999													2000
2500	.007	.086	.171	.369	.603	.751	.863	.910	.939	.980	.992	.999	.999												2500
3000	.005	.061	.122	.276	.481	.632	.769	.831	.876	.951	.979	.994	.997	.999	.999										3000
3500	.004	.045	.092	.213	.387	.529	.667	.743	.799	.907	.952	.984	.993	.997	.999	.999									3500
4000	.003	.035	.071	.169	.314	.442	.577	.656	.719	.851	.916	.968	.995	.992	.996	.999	.999	.999							4000
5000	.002	.022	.046	.112	.217	.316	.431	.505	.569	.724	.819	.913	.954	.973	.993	.991	.996	.999	.999	.999					5000
6000	.001	.016	.032	.079	.157	.234	.326	.392	.450	.603	.709	.8[illegible]	.901	.937	.95[illegible]	.975	.998	.994	.996	.998	.999				6000
7000	.001	.011	.024	.059	.119	.179	.255	.309	.35[illegible]	.499	.606	.7[illegible]	.832	.884	.917	.949	.973	.984	.990	.995	.998	.999	.999		7000
8000	.001	.009	.019	.045	.092	.140	.203	.249	.290	.415	.519	.662	.757	.821	.865	.909	.948	.998	.979	.980	.994	.998	.999	.999	8000
9000	.001	.007	.015	.036	.074	.113	.165	.202	.237	.348	.440	.592	.692	.753	.806	.861	.915	.945	.962	.981	.999	.995	.999	.999	9000
10000		.006	.012	.029	.060	.093	.136	.169	.199	.294	.379	.511	.611	.686	.744	.807	.874	.914	.939	.986	.980	.991	.995	.998	10000

21P9

22P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	Adj VN
psi	62	62	62	62	62	62	62	62	62	62	62	62	62	82	62	62	62	62	62	62	62	82	82	62	psi
HOB	213	458	577	727	877	987	1105	1178	1244	1424	1567	1794	1975	2127	2260	2435	2680	2887	3060	3377	3637	4069	4425	4870	HOB
WR	452	973	1227	1545	1862	2097	2346	2503	2642	3025	3329	3811	4195	4519	4802	5172	5693	6133	6517	7173	7727	8644	9399	10345	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.937	.999																							200
400	.562	.955	.986	.997	.999	.999																			400
600	.317	.797	.905	.965	.987	.994	.997	.998	.996	.999															600
800	.195	.613	.763	.883	.944	.968	.992	.986	.991	.996	.998	.999	.999												800
1000	.131	.464	.616	.768	.867	.914	.946	.960	.969	.985	.991	.996	.998	.999	.999	.999									1000
1200	.093	.356	.496	.651	.771	.836	.888	.912	.929	.961	.976	.989	.994	.996	.997	.996	.999	.999							1200
1400	.069	.278	.400	.547	.673	.749	.814	.848	.873	.923	.949	.974	.964	.990	.993	.995	.997	.998	.999	.999					1400
1600	.054	.222	.326	.459	.582	.663	.736	.775	.806	.674	.911	.950	.968	.976	.964	.990	.994	.996	.997	.999	.999				1600
1800	.043	.161	.269	.388	.504	.583	.659	.702	.737	.816	.864	.917	.945	.961	.971	.980	.988	.993	.995	.997	.998	.999	.999		1800
2000	.035	.150	.225	.330	.436	.512	.568	.632	.666	.755	.811	.877	.914	.937	.952	.968	.979	.986	.990	.995	.997	.998	.999	.999	2000
2500	-022	.099	.152	.228	.311	.375	.441	.482	.516	.609	.673	.760	.815	.853	.880	.909	.939	.956	.967	.980	.967	.993	.996	.998	2500
3000	.016	.070	.106	.166	.230	.281	.336	.372	.403	.487	.550	.642	.706	.753	.789	.829	.875	.905	.925	.951	.965	.981	.988	.993	3000
3500	.011	.052	.061	.125	.176	.217	.262	.292	.316	.392	.450	.538	.602	.653	.693	.741	.798	.838	.867	.906	.930	.958	.972	.983	3500
4000	.009	.040	.063	.098	.138	.171	.209	.233	.256	.319	.370	.451	.512	.562	.603	.654	.717	.763	.799	.849	.883	.924	.947	.966	4000
5000	.006	.026	.041	.064	.091	.114	.140	.157	.174	.220	.259	.323	.375	.418	.456	.504	.566	.618	.659	.722	.768	.831	.671	.909	5000
6000	.004	.016	.026	.045	.064	.081	.100	.113	.125	.159	.189	.239	.281	.317	.349	.390	.448	.496	.536	.601	.651	.725	.776	.829	6000
7000	.003	.013	.021	.033	.046	.060	.074	.084	.093	.120	.143	.183	.217	.246	.272	.307	.357	.400	.436	.497	.547	.623	.679	.741	7000
6000	.002	.010	.016	.025	.037	.046	.056	.065	.072	.094	.112	.144	.171	.195	.217	.247	.289	.328	.356	.413	.459	.532	.589	.654	8000
9000	.002	.008	.013	.020	.029	.037	.046	.052	.058	.075	.090	.118	.138	.156	.177	.201	.238	.289	.296	.346	.386	.456	.510	.574	9000
10000	.001	.007	.010	.016	.024	.030	.037	.042	.047	.061	.074	.095	.114	.131	.146	.167	.198	.225	.250	.293	.330	.392	.442	.504	10000

22P0

24P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	Adj VN
psi	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	psi
HOB	168	362	457	575	693	781	873	932	964	1126	1239	1419	1561	1682	1787	1925	2119	2283	2426	2670	2876	3217	3498	3850	HOB
WR	397	854	1076	1356	1634	1841	2059	2197	2319	2655	2922	3345	3681	3965	4214	4539	4996	5382	5719	6295	6781	7588	6248	9079	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.893	.996																							200
400	.476	.920	.972	.992	.996	.999	.999																		400
600	.256	.717	.849	.937	.974	.986	.993	.995	.997	.999	.999														600
800	.155	.525	.680	.821	.905	.941	.965	.975	.981	.991	.995	.998	.999	.999	.999										800
1000	.102	.365	.530	.686	.801	.861	.907	.929	.943	.970	.982	.992	.995	.997	.998	.999	.999								1000
1200	.072	.209	.414	.563	.688	.764	.827	.859	.883	.931	.955	.977	.986	.991	.994	.995	.998	.999	.999	.999					1200
1400	.054	.223	.327	.461	.584	.665	.738	.777	.808	.875	.912	.950	.969	.979	.985	.990	.994	.998	.998	.995	.999				1400
1600	.042	.177	.264	.381	.495	.575	.651	.654	.729	.809	.858	.913	.941	.958	.969	.979	.988	.992	.994	.997	.998	.999	.999		1600
1800	.033	.143	.216	.317	.421	.496	.571	.615	.651	.740	.797	.866	.905	.929	.946	.962	.976	.984	.989	.994	.996	.998	.999	.999	1800
2000	.027	.116	.179	.267	.360	.429	.500	.543	.580	.671	.734	.813	.861	.893	.915	.938	.960	.972	.980	.988	.992	.996	.998	.999	2000
2500	.017	.077	.119	.182	.251	.308	.364	.401	.434	.521	.585	.877	.739	.784	.816	.855	.896	.922	.940	.961	.973	.985	.991	.995	2500
3000	.012	.054	.085	.131	.183	.226	.273	.303	.330	.406	.465	.553	.618	.668	.708	.755	.811	.849	.877	.914	.937	.962	.975	.985	3000
3500	.009	.040	.063	.096	.139	.172	.210	.234	.257	.321	.372	.453	.514	.564	.605	.656	.719	.765	.801	.851	.884	.924	.947	.967	3500
4000	.007	.031	.049	.076	.108	.135	.166	.186	.204	.258	.302	.373	.429	.476	.516	.565	.630	.680	.720	.779	.821	.875	.908	.938	4000
5000	.004	.020	.032	.050	.071	.089	.110	.124	.137	.175	.207	.261	.306	.344	.377	.421	.481	.530	.571	.636	.663	.757	.806	.855	5000
6000	.003	.014	.022	.035	.050	.063	.076	.088	.098	.126	.150	.191	.226	.256	.283	.319	.370	.414	.451	.513	.583	.639	.894	.755	6000
7000	.002	.010	.016	.026	.037	.047	.058	.066	.073	.094	.113	.145	.172	.196	.218	.248	.291	.327	.360	.415	.461	.534	.591	.856	7000
8000	.002	.006	.012	.020	.026	.036	.045	.051	.056	.073	.068	.113	.135	.155	.173	.197	.232	.264	.291	.340	.381	.448	.501	.565	8000
9000	.001	.006	.010	.016	.023	.029	.036	.040	.045	.058	.070	.091	.109	.125	.139	.160	.189	.216	.239	.281	.317	.377	.427	.487	9000
10000	.001	.005	.008	.013	.016	.023	.029	.033	.036	.047	.057	.074	.089	.102	.115	.132	.157	.179	.200	.236	.287	.321	.385	.421	10000

24P0

25P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	27.1	25.3	25.0	24.7	24.6	24.5	24.4	24.4	24.3	24.3	24.2	24.2	24.1	24.1	24.1	24.1	24.0	24.0	24.0	24.0	24.0	24.0	23.9	23.9	Adj VN
psi	156	113	107	102	99	98	96	96	95	94	93	92	91	91	91	90	90	90	89	89	89	88	88	88	psi
HOB	130	320	415	535	655	744	838	898	950	1096	1211	1394	1540	1663	1771	1912	2110	2278	2424	2674	2884	3234	3521	3881	HOB
WR	325	784	1008	1291	1573	1782	2004	2143	2267	2608	2879	3307	3649	3937	4189	4519	4983	5374	5717	6301	6794	7610	8283	9125	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.797	.997	.999																						200
400	.357	.889	.961	.990	.997	.999	.999																		400
600	.181	.661	.816	.922	.968	.984	.992	.994	.996	.998	.999														600
800	.107	.468	.637	.794	.890	.933	.960	.972	.979	.990	.995	.998	.999	.999	.999										800
1000	.070	.338	.487	.653	.779	.846	.897	.921	.938	.967	.980	.991	.995	.997	.998	.999	.999								1000
1200	.049	.251	.376	.530	.663	.744	.812	.847	.873	.925	.951	.975	.986	.991	.994	.996	.998	.999	.999	.999					1200
1400	.037	.192	.295	.431	.559	.643	.721	.753	.795	.867	.907	.948	.967	.978	.984	.990	.994	.996	.998	.999	.999				1400
1600	.028	.151	.236	.353	.471	.553	.632	.677	.714	.799	.851	.909	.939	.957	.968	.978	.987	.992	.994	.997	.998	.999	.999		1600
1800	.022	.122	.192	.293	.398	.475	.552	.598	.636	.728	.788	.861	.902	.927	.944	.961	.976	.984	.989	.994	.996	.998	.999	.999	1800
2000	.018	.100	.159	.246	.339	.410	.483	.527	.565	.659	.724	.807	.857	.890	.913	.937	.959	.972	.980	.988	.992	.996	.998	.999	2000
2500	.012	.066	.106	.167	.236	.290	.349	.387	.420	.509	.575	.669	.733	.779	.814	.853	.895	.922	.940	.961	.974	.986	.991	.995	2500
3000	.008	.046	.075	.119	.171	.213	.260	.291	.319	.395	.455	.546	.612	.664	.705	.753	.810	.849	.877	.914	.937	.963	.978	.986	3000
3500	.006	.034	.056	.089	.129	.162	.200	.225	.247	.312	.364	.448	.509	.559	.601	.653	.717	.764	.803	.851	.885	.925	.948	.967	3500
4000	.005	.026	.043	.069	.101	.127	.158	.178	.197	.250	.295	.367	.424	.471	.512	.562	.629	.679	.720	.779	.822	.878	.909	.939	4000
5000	.003	.017	.028	.045	.066	.084	.104	.118	.131	.169	.202	.256	.301	.340	.374	.418	.479	.529	.570	.636	.687	.759	.808	.858	5000
6000	.002	.012	.019	.032	.046	.059	.074	.084	.094	.122	.146	.187	.222	.253	.280	.317	.369	.413	.451	.513	.564	.641	.697	.759	6000
7000	.001	.009	.014	.023	.034	.044	.055	.063	.070	.091	.110	.142	.169	.194	.216	.248	.289	.327	.360	.418	.462	.536	.594	.659	7000
8000	.001	.007	.011	.018	.026	.034	.042	.048	.054	.071	.085	.111	.133	.153	.171	.195	.231	.263	.291	.340	.382	.450	.504	.569	8000
9000	.001	.005	.009	.014	.021	.027	.034	.038	.043	.056	.068	.089	.107	.123	.138	.158	.189	.215	.239	.282	.318	.379	.429	.490	9000
10000	.001	.004	.007	.011	.017	.022	.027	.031	.035	.046	.056	.073	.088	.101	.114	.131	.156	.179	.199	.236	.268	.322	.368	.424	10000

25P2

26P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	Adj VN
psi	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	psi
HOB	140	303	381	480	579	652	729	778	822	940	1035	1185	1304	1405	1493	1608	1770	1907	2026	2230	2402	2687	2922	3216	HOB
WR	348	750	945	1190	1434	1615	1807	1928	2035	2330	2564	2935	3231	3480	3698	3984	4385	4723	5019	5524	5951	6657	7239	7967	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.834	.996	.999																						200
400	.396	.870	.949	.994	.994	.997	.999	.999	.999																400
600	.205	.631	.779	.893	.951	.972	.985	.989	.992	.997	.998	.999													600
800	.122	.440	.592	.745	.849	.900	.936	.952	.963	.982	.989	.995	.997	.998	.999	.999									800
1000	.080	.315	.445	.598	.722	.794	.853	.882	.903	.945	.965	.982	.990	.993	.995	.997	.998	.999	.999						1000
1200	.056	.233	.340	.476	.600	.681	.752	.791	.821	.885	.920	.956	.972	.981	.987	.991	.995	.997	.998	.999	.999				1200
1400	.042	.178	.265	.382	.497	.577	.653	.696	.730	.811	.859	.914	.942	.959	.969	.979	.988	.992	.994	.997	.998	.999	.999		1400
1600	.032	.140	.211	.311	.413	.488	.562	.606	.643	.731	.789	.860	.900	.926	.943	.959	.975	.983	.988	.993	.996	.998	.999	.999	1600
1800	.026	.112	.171	.256	.346	.414	.484	.526	.563	.654	.718	.799	.850	.883	.907	.931	.955	.968	.977	.986	.991	.995	.997	.999	1800
2000	.021	.092	.142	.214	.293	.354	.418	.458	.493	.583	.648	.736	.794	.834	.864	.895	.928	.948	.961	.976	.984	.991	.995	.997	2000
2500	.013	.060	.094	.144	.201	.246	.297	.329	.358	.437	.498	.588	.653	.703	.741	.786	.838	.873	.898	.930	.950	.971	.981	.989	2500
3000	.009	.042	.066	.103	.145	.179	.218	.244	.267	.333	.385	.467	.530	.580	.621	.672	.734	.779	.814	.862	.893	.932	.953	.970	3000
3500	.007	.031	.049	.077	.109	.136	.166	.187	.205	.259	.303	.374	.431	.478	.517	.567	.632	.682	.722	.781	.822	.876	.909	.939	3500
4000	.005	.024	.038	.059	.085	.106	.131	.147	.162	.206	.243	.304	.354	.396	.432	.479	.542	.592	.633	.697	.745	.811	.854	.895	4000
5000	.003	.015	.024	.038	.055	.069	.086	.097	.108	.138	.164	.209	.246	.279	.308	.346	.400	.445	.484	.547	.598	.673	.728	.786	5000
6000	.002	.011	.017	.027	.039	.049	.061	.069	.076	.098	.118	.151	.179	.205	.227	.258	.302	.340	.373	.429	.476	.550	.607	.672	6000
7000	.002	.008	.013	.020	.029	.036	.045	.051	.057	.073	.088	.114	.136	.155	.173	.198	.234	.265	.293	.341	.382	.450	.503	.587	7000
8000	.001	.006	.010	.015	.022	.028	.035	.039	.044	.057	.068	.088	.106	.122	.136	.158	.185	.211	.234	.275	.311	.370	.419	.479	8000
9000	.001	.005	.008	.012	.017	.022	.027	.031	.035	.045	.054	.071	.085	.098	.109	.126	.150	.171	.191	.226	.256	.308	.351	.406	9000
10000	.001	.004	.006	.010	.014	.018	.022	.025	.028	.037	.044	.058	.069	.080	.090	.103	.124	.142	.158	.188	.214	.259	.297	.346	10000

26P0

27P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	29.1	27.3	27.0	26.7	26.6	26.5	26.4	26.4	26.3	26.3	26.2	26.2	29.1	26.1	26.1	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.9	25.9	Adj VW
psi	224	193	154	147	143	140	139	139	137	135	134	132	152	131	131	130	129	129	129	128	128	127	127	127	psi
HOB	114	274	353	453	553	627	706	755	799	920	1017	1189	1290	1393	1492	1600	1784	1903	2025	2233	2409	2698	2937	3237	HOB
WR	295	989	885	1133	1381	1564	1759	1831	1990	2298	2526	2903	3202	3455	3877	3986	4373	4717	5017	5529	5962	6679	7269	8008	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.719	.993	.999																						200
400	.290	.829	.931	.979	.993	.997	.999	.999	.999																400
600	.143	.572	.740	.873	.941	.997	.982	.988	.991	.996	.998	.999													600
800	.084	.389	.548	.714	.830	.888	.929	.947	.959	.980	.999	.995	.997	.999	.999	.999									800
1000	.055	.274	.406	.564	.697	.775	.840	.871	.895	.940	.962	.991	.989	.993	.995	.997	.999	.999	.999						1000
1200	.038	.201	.306	.445	.575	.853	.736	.777	.809	.877	.915	.953	.971	.980	.986	.991	.995	.997	.998	.999	.999				1200
1400	.028	.152	.237	.355	.472	.555	.934	.879	.719	.801	.852	.910	.940	.957	.969	.979	.989	.992	.994	.997	.998	.999	.999		1400
1600	.022	.119	.189	.287	.391	.467	.544	.589	.627	.720	.781	.855	.887	.923	.941	.958	.974	.983	.988	.993	.996	.999	.999	.999	1600
1800	.017	.096	.152	.236	.326	.395	.466	.510	.548	.942	.708	.793	.845	.880	.904	.929	.954	.968	.977	.986	.991	.996	.997	.999	1800
2000	.014	.078	.129	.196	.275	.336	.402	.443	.478	.571	.939	.729	.789	.831	.861	.893	.927	.947	.961	.978	.984	.992	.995	.997	2000
2500	.009	.051	.088	.131	.188	.233	.284	.319	.349	.426	.488	.581	.647	.698	.738	.784	.837	.873	.899	.931	.950	.971	.981	.989	2500
3000	.006	.038	.059	.093	.135	.169	.208	.234	.257	.323	.377	.460	.524	.575	.817	.669	.732	.778	.813	.862	.894	.932	.954	.971	3000
3500	.005	.026	.043	.070	.101	.128	.158	.179	.198	.251	.296	.368	.426	.473	.514	.584	.931	.691	.722	.781	.823	.979	.910	.940	3500
4000	.004	.020	.033	.054	.079	.100	.124	.141	.156	.200	.237	.299	.349	.391	.428	.479	.540	.591	.633	.998	.749	.912	.856	.897	4000
5000	.002	.013	.021	.035	.051	.065	.082	.093	.103	.134	.160	.205	.243	.276	.305	.344	.399	.444	.484	.549	.599	.975	.731	.789	5000
6000	.002	.009	.015	.024	.036	.046	.058	.066	.073	.095	.115	.148	.177	.202	.225	.256	.301	.339	.373	.430	.477	.552	.610	.875	6000
7000	.001	.007	.011	.018	.027	.034	.043	.049	.054	.071	.086	.111	.134	.153	.172	.199	.233	.264	.293	.342	.383	.452	.506	.571	7000
8000	.001	.005	.008	.014	.020	.029	.033	.037	.042	.055	.069	.087	.104	.120	.135	.155	.184	.211	.234	.276	.312	.372	.421	.482	8000
9000	.001	.004	.007	.011	.016	.021	.026	.030	.033	.044	.053	.069	.083	.096	.108	.125	.149	.171	.191	.226	.257	.310	.354	.409	9000
10000	.001	.003	.005	.009	.013	.017	.021	.024	.027	.036	.043	.056	.068	.079	.099	.102	.123	.141	.159	.199	.215	.280	.299	.349	10000

27P2

30P5

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	35.5	30.5	30.0	29.2	28.7	26.5	29.2	29.1	29.0	27.6	27.6	27.4	27.3	27.2	27.2	27.1	27.0	27.0	26.9	26.9	26.9	26.7	26.7	26.7	Adj VW
psi	732	316	266	232	211	201	192	199	185	177	173	167	164	161	159	157	155	153	152	150	149	147	146	145	psi
HOB	82	220	292	364	477	547	922	669	710	828	919	1064	1180	1276	1365	1477	1639	1770	1887	2007	2256	2536	2767	3056	HOB
WR	187	543	729	963	1200	1376	1564	1682	1787	2076	2306	2671	2962	3207	3422	3704	4099	4432	4724	5222	5843	6339	6913	7632	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.438	.973	.995	.999																					200
400	.136	.687	.866	.952	.984	.993	.997	.996	.999	.299															400
600	.065	.419	.610	.791	.887	.941	.967	.977	.984	.993	.999	.999	.999												600
800	.037	.269	.422	.606	.750	.826	.888	.915	.933	.967	.981	.992	.995	.997	.998	.999	.999								800
1000	.024	.182	.300	.456	.603	.995	.775	.816	.947	.910	.942	.971	.984	.989	.993	.995	.998	.999	.999	.999					1000
1200	.017	.131	.221	.350	.481	.573	.659	.707	.746	.831	.881	.932	.957	.971	.979	.997	.993	.995	.997	.999	.999	.999			1200
1400	.012	.098	.166	.274	.387	.471	.555	.604	.645	.743	.805	.877	.917	.940	.955	.970	.982	.999	.992	.999	.997	.999	.999		1400
1600	.009	.076	.132	.219	.315	.389	.467	.514	.555	.656	.725	.812	.864	.697	.920	.943	.964	.976	.983	.990	.994	.997	.998	.999	1600
1800	.007	.061	.106	.178	.180	.325	.395	.439	.477	.576	.649	.743	.804	.846	.879	.907	.939	.057	.969	.981	.999	.994	.996	.999	1800
2000	.006	.050	.087	.147	.217	.274	.336	.376	.411	.506	.576	.675	.742	.790	.826	.864	.908	.931	.949	.969	.979	.989	.993	.996	2000
2500	.004	.032	.057	.087	.146	.187	.233	.264	.291	.369	.431	.525	.594	.649	.692	.742	.802	.844	.873	.912	.936	.963	.976	.986	2500
3000	.003	.022	.040	.069	.104	.134	.169	.193	.214	.276	.327	.409	.473	.525	.569	.622	.690	.741	.779	.834	.871	.919	.942	.963	3000
3500	.002	.017	.029	.051	.079	.101	.129	.146	.163	.213	.255	.324	.380	.427	.467	.519	.587	.640	.682	.747	.793	.954	.892	.928	3500
4000	.002	.013	.023	.039	.060	.079	.100	.114	.129	.199	.202	.280	.309	.350	.336	.433	.497	.549	.592	.660	.711	.769	.831	.877	4000
5000	.001	.008	.015	.025	.089	.051	.065	.075	.084	.112	.136	.177	.212	.243	.271	.309	.362	.407	.445	.510	.562	.641	.696	.761	5000
6000	.001	.006	.010	.016	.027	.036	.046	.053	.059	.079	.097	.127	.154	.177	.199	.228	.270	.307	.340	.398	.443	.517	.578	.643	6000
7000		.004	.007	.013	.020	.026	.034	.039	.044	.059	.072	.095	.119	.134	.152	.174	.206	.239	.265	.312	.359	.419	.473	.539	7000
8000		.003	.006	.010	.015	.020	.026	.030	.034	.045	.056	.074	.090	.105	.118	.137	.164	.189	.211	.251	.285	.342	.392	.451	8000
9000		.003	.005	.008	.012	.016	.021	.024	.027	.038	.044	.059	.072	.084	.095	.110	.132	.153	.171	.205	.234	.284	.327	.381	9000
10000		.002	.004	.006	.010	.013	.017	.019	.022	.029	.036	.048	.059	.068	.077	.090	.109	.126	.142	.170	.195	.239	.276	.324	10000

30P5

31P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	Adj VN
psi	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	psi
HOB	102	219	276	348	419	472	528	563	595	681	749	858	944	1017	1080	1164	1281	1380	1466	1614	1739	1945	2115	2328	HOB
WR	251	541	682	859	1035	1165	1304	1391	1468	1681	1850	2118	2331	2511	2668	2874	3163	3408	3621	3986	4293	4803	5223	5748	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.634	.973	.993	.998	.999																				200
400	.235	.684	.823	.921	.966	.982	.990	.993	.995	.998	.999														400
600	.113	.417	.566	.721	.830	.885	.925	.943	.956	.977	.987	.994	.997	.998	.999	.999	.999								600
800	.066	.266	.383	.528	.654	.732	.799	.834	.860	.914	.943	.970	.982	.968	.992	.995	.997	.998	.999	.999					800
1000	.043	.181	.269	.366	.504	.563	.659	.702	.737	.816	.864	.917	.945	.961	.971	.980	.986	.993	.995	.997	.998	.999	.999		1000
1200	.030	.130	.197	.292	.390	.463	.536	.580	.616	.707	.767	.841	.885	.913	.932	.951	.969	.979	.965	.991	.994	.997	.998	.999	1200
1400	.022	.098	.150	.225	.308	.370	.436	.477	.513	.604	.688	.755	.811	.849	.877	.906	.937	.955	.966	.979	.986	.993	.996	.998	1400
1600	.017	.076	.117	.176	.247	.300	.356	.395	.427	.514	.578	.669	.732	.777	.812	.850	.692	.919	.937	.959	.972	.984	.990	.995	1600
1800	.013	.060	.094	.144	.201	.247	.298	.330	.359	.436	.499	.590	.655	.704	.743	.787	.839	.874	.899	.931	.950	.971	.981	.989	1800
2000	.011	.049	.077	.119	.187	.206	.250	.279	.304	.378	.432	.519	.583	.834	.675	.723	.782	.823	.854	.895	.921	.952	.986	.980	2000
2500	.007	.032	.050	.078	.111	.138	.169	.190	.209	.263	.306	.380	.437	.484	.524	.574	.629	.689	.726	.787	.827	.880	.912	.941	2500
3000	.005	.022	.035	.055	.079	.099	.122	.137	.151	.193	.228	.285	.333	.373	.409	.454	.516	.566	.607	.672	.721	.789	.834	.879	3000
3500	.004	.016	.026	.041	.059	.074	.091	.103	.114	[illegible]	.174	.220	.259	.293	.323	.363	.418	.464	.504	.568	.618	.693	.747	.803	3500
4000	.003	.013	.020	.031	.045	.057	.071	.080	.089	.114	.136	.174	.206	.235	.260	.294	.342	.383	.419	.479	.528	.604	.660	.723	4000
5000	.002	.008	.013	.020	.029	.037	.046	.052	.058	.075	.090	.116	.136	.158	.177	.201	.238	.269	.298	.347	.388	.456	.510	.574	5000
6000	.001	.006	.009	.014	.020	.026	.032	.036	.041	.053	.063	.082	.099	.113	.127	.145	.173	.197	.219	.258	.292	.349	.396	.454	6000
7000	.001	.004	.007	.010	.015	.019	.024	.027	.030	.039	.047	.061	.074	.065	.095	.109	.131	.150	.167	.198	.225	.272	.312	.363	7000
8000	.001	.003	.005	.006	.012	.015	.018	.021	.023	.030	.036	.047	.057	.066	.074	.085	.102	.117	.131	.146	.178	.217	.251	.294	8000
9000	.001	.003	.004	.006	.009	.012	.014	.016	.018	.024	.029	.038	.045	.052	.059	.068	.082	.094	.105	.123	.144	.177	.205	.242	9000
10000		.002	.003	.005	.007	.009	.012	.013	.015	.019	.023	.031	.037	.043	.048	.055	.067	.077	.086	.103	.119	.144	.170	.201	10000

31P0

32P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	Adj VN
psi	383	383	383	383	363	383	363	383	383	383	363	383	383	383	383	393	383	383	383	383	393	383	383	393	psi
HOB	97	208	262	330	398	449	502	535	565	647	712	815	897	986	1027	1106	1217	1311	1393	1533	1652	1848	2009	2212	HOB
WR	235	507	638	804	969	1092	1221	1303	1376	1575	1733	1984	2184	2352	2500	2693	2964	3192	3392	3734	4022	4500	4893	5385	WR
CEP	PD	PD	PD	PO	PD	PD	PD	PD	PD	PO	PD	PD	PD	PD	PO	PO	PD	PD	PO	PD	PD	PO	PO	PO	CEP
200	.590	.962	.969	.997	.999																				200
400	.210	.640	.787	.899	.954	.974	.986	.990	.993	.937	.996	.999													400
600	.100	.379	.522	.678	.794	.856	.903	.925	.940	.966	.981	.991	.995	.997	.996	.999	.999								600
800	.058	.238	.347	.465	.810	.690	.761	.799	.828	.890	.924	.958	.974	.983	.989	.992	.995	.997	.996	.999	.999				800
1000	.039	.161	.241	.351	.452	.539	.615	.659	.895	.779	.832	.893	.927	.947	.960	.972	.963	.989	.992	.996	.997	.999	.999		1000
1200	.026	.115	.176	.262	.354	.422	.493	.536	.572	.664	.726	.807	.656	.889	.911	.935	.958	.970	.978	.987	.992	.996	.998	.999	1200
1400	.019	.086	.133	.201	.277	.335	.397	.436	.470	.559	.624	.714	.774	.816	.847	.881	.917	.939	.954	.971	.960	.989	.994	.996	1400
1600	.015	.087	.104	.159	.221	.270	.324	.358	.389	.471	.534	.625	.690	.738	.775	.817	.864	.896	.917	.945	.961	.978	.986	.992	1600
1800	.012	.053	.083	.126	.160	.221	.267	.297	.324	.399	.457	.546	.611	.661	.701	.746	.805	.844	.872	.910	.933	.960	.974	.984	1800
2000	.010	.043	.063	.105	.149	.184	.224	.250	.273	.340	.393	.478	.539	.590	.631	.681	.742	.787	.821	.868	.899	.935	.956	.972	2000
2500	.006	.026	.044	.069	.098	.123	.151	.169	.186	.236	.277	.344	.396	.443	.481	.530	.595	.645	.686	.747	.792	.851	.889	.923	2500
3000	.004	.020	.031	.049	.069	.087	.108	.121	.134	.171	.203	.256	.300	.336	.371	.414	.474	.522	.563	.628	.676	.750	.799	.850	3000
3500	.003	.014	.023	.036	.052	.065	.080	.091	.101	.130	.154	.197	.232	.263	.291	.326	.380	.424	.461	.524	.574	.650	.705	.766	3500
4000	.002	.011	.017	.028	.040	.050	.062	.071	.078	.101	.121	.155	.184	.210	.233	.264	.309	.347	.381	.436	.485	.559	.616	.681	4000
5000	.002	.007	.011	.018	.028	.032	.040	.046	.051	.066	.079	.103	.123	.141	.157	.179	.212	.241	.267	.313	.351	.416	.466	.530	5000
6000	.001	.005	.009	.012	.019	.023	.028	.032	.036	.046	.056	.073	.087	.100	.112	.129	.154	.176	.196	.231	.262	.315	.359	.414	6000
7000	.001	.004	.006	.009	.013	.017	.021	.024	.026	.034	.041	.054	.065	.075	.084	.097	.118	.133	.149	.176	.201	.244	.281	.328	7000
8000	.001	.003	.004	.007	.010	.013	.016	.016	.020	.028	.032	.042	.050	.056	.065	.075	.090	.104	.116	.139	.159	.194	.224	.264	8000
9000		.002	.003	.006	.008	.010	.013	.014	.016	.021	.025	.033	.040	.046	.052	.060	.072	.083	.093	.111	.128	.157	.163	.216	9000
10000		.002	.003	.004	.006	.008	.010	.012	.013	.017	.021	.027	.032	.038	.042	.049	.059	.068	.076	.091	.105	.130	.151	.179	10000

32P0

33P6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	39.7	34.2	33.0	32.0	31.3	31.0	30.7	30.5	30.4	30.1	29.9	29.6	29.5	29.4	29.5	29.2	29.1	29.0	24.0	23.9	23.8	23.7	23.7	23.3	Adj VN
psi	1566	571	460	504	340	318	301	292	285	270	261	249	243	233	234	250	226	222	220	216	214	211	203	208	psi
HOB	71	188	250	530	411	472	557	579	315	716	797	925	1027	1115	1109	1283	1427	1545	1643	1824	1972	2213	2421	2375	HOB
WR	142	439	598	804	1011	1137	1332	1437	1530	1788	1990	2314	2572	2780	2901	5251	3583	5880	4139	4582	4957	5577	6033	6727	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.289	.929	.984	.997	.999																				200
400	.035	.545	.748	.998	.962	.982	.991	.995	.996	.999	.999														400
600	.033	.303	.479	.377	.818	.886	.932	.951	.964	.984	.991	.996	.993	.999	.999										600
800	.022	.188	.315	.434	.339	.733	.811	.650	.878	.955	.959	.981	.999	.993	.999	.987	.999	.999	.999						800
1000	.014	.124	.216	.551	.489	.504	.374	.723	.732	.847	.895	.945	.965	.977	.984	.990	.994	.997	.998	.999	.999				1000
1200	.010	.083	.156	.262	.577	.464	.551	.602	.644	.745	.809	.882	.921	.944	.959	.972	.984	.990	.995	.996	.998	.999	.999		1200
1400	.007	.068	.110	.201	.299	.371	.450	.498	.540	.645	.713	.807	.861	.995	.919	.942	.964	.978	.983	.991	.994	.997	.993	.999	1400
1600	.005	.051	.092	.153	.237	.301	.370	.414	.455	.554	.327	.727	.791	.835	.867	.900	.934	.954	.866	.980	.987	.993	.996	.993	1600
1800	.004	.040	.073	.123	.194	.248	.308	.347	.582	.478	.543	.350	.720	.770	.808	.850	.895	.923	.941	.965	.975	.987	.992	.996	1800
2000	.003	.033	.060	.105	.130	.207	.259	.294	.525	.411	.478	.578	.350	.704	.746	.794	.849	.884	.809	.940	.958	.977	.866	.992	2000
2500	.002	.021	.039	.069	.106	.159	.173	.201	.225	.291	.346	.433	.500	.554	.599	.355	.721	.771	.808	.860	.893	.933	[illegible]	.972	2500
3000	.002	.015	.027	.048	.075	.069	.126	.145	.135	.214	.257	.329	.587	.436	.477	.580	.600	.354	.697	.761	.807	.866	.902	.934	3000
3500	.001	.011	.020	.036	.056	.074	.095	.109	.125	.183	.198	.256	.305	.347	.383	.431	.497	.549	.595	.682	.714	.736	.834	.681	3500
4000	.001	.008	.015	.028	.043	.057	.074	.035	.096	.128	.156	.204	.244	.280	.312	.354	.415	.462	.304	.572	.625	.744	.759	.816	4000
5000	.001	.005	.010	.013	.023	.037	.043	.055	.063	.084	.103	.136	.135	.191	.215	.248	.293	.552	.367	.427	.473	.554	.613	.680	5000
6000		.004	.007	.012	.019	.026	.034	.039	.044	.059	.073	.097	.113	.158	.155	.180	.215	.247	.275	.324	.366	.435	.491	.557	6000
7000		.005	.005	.009	.014	.019	.025	.029	.032	.044	.054	.073	.089	.103	.117	.138	.164	.189	.212	.252	.287	.348	.595	.456	7000
8000		.002	.004	.007	.011	.015	.019	.022	.025	.034	.042	.056	.069	.080	.091	.108	.123	.149	.137	.200	.229	.280	.522	.373	8000
9000		.002	.005	.006	.009	.012	.015	.017	.020	.027	.033	.045	.055	.084	.073	.085	.103	.120	.135	.132	.187	.229	.268	.313	9000
10000		.001	.002	.004	.007	.009	.012	.014	.016	.022	.027	.038	.045	.052	.059	.069	.085	.093	.111	.134	.155	.191	.223	.284	10000

33P6

33P8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	41.9	34.3	33.0	31.4	30.3	29.7	29.1	23.3	28.3	23.1	27.7	27.3	27.0	26.3	26.7	26.5	26.3	26.1	23.0	25.3	25.7	25.6	25.5	25.3	Adj VN
psi	2347	638	460	345	282	251	227	216	207	187	173	132	154	149	145	140	135	131	129	125	122	119	116	114	psi
HOB	66	183	250	340	435	508	587	657	383	809	911	1075	1207	1320	1413	1543	1732	1838	2024	2253	2457	2706	3058	5399	HOB
WR	123	422	598	835	1082	1270	1473	1601	1717	2035	2291	2393	3024	3300	3542	3880	4507	4685	5015	5581	6059	3851	7503	8321	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.226	.916	.984	.998																					200
400	.063	.517	.748	.912	.973	.989	.995	.997	.998	.999															400
600	.029	.284	.479	.703	.852	.517	.956	.971	.980	.982	.999	.999	.989												600
800	.016	.173	.315	.510	.684	.784	.862	.897	.921	.963	.980	.992	.996	.998	.999	.999									800
1000	.010	.115	.213	.372	.533	.642	.739	.789	.827	.905	.846	.973	.935	.991	.994	.997	.998	.989	.999						1000
1200	.007	.082	.153	.279	.417	.519	.313	.675	.720	.821	.873	.935	.931	.975	.993	.980	.995	.997	.999	.989	.999				1200
1400	.005	.061	.113	.215	.530	.421	.515	.571	.613	.730	.801	.882	.923	.947	.962	.975	.986	.992	.984	.997	.998	.999			1400
1600	.004	.047	.092	.170	.266	.344	.429	.482	.523	.643	.721	.818	.873	.908	.951	.955	.972	.982	.983	.995	.986	.993	.999	.999	1600
1800	.003	.037	.073	.137	.216	.285	.331	.409	.451	.563	.645	.750	.816	.860	.890	.921	.951	.937	.977	.987	.992	.995	.996	.999	1800
2000	.003	.030	.060	.113	.181	.239	.306	.349	.388	.493	.572	.362	.755	.806	.843	.882	.922	.946	.931	.977	.985	.993	.996	.998	2000
2500	.002	.020	.039	.074	.121	.162	.210	.243	.273	.353	.427	.532	.609	.663	.714	.738	.829	.870	.893	.939	.954	.975	.984	.991	2500
3000	.001	.014	.027	.052	.086	.116	.152	.177	.200	.267	.524	.415	.487	.544	.592	.650	.725	.774	.813	.861	.900	.935	[illegible]	.976	3000
3500	.001	.010	.020	.039	.084	.087	.114	.154	.152	.206	.252	.329	.392	.444	.489	.543	.320	.677	.721	.787	.332	.888	.921	.949	3500
4000	.001	.003	.015	.030	.049	.067	.069	.104	.119	.132	.200	.265	.319	.365	.406	.459	.530	.587	.833	.704	.753	.823	.870	.911	4000
5000		.005	.010	.019	.032	.044	.053	.083	.078	.108	.134	.180	.220	.255	.287	.530	.590	.440	.483	.554	.620	.692	.750	.811	5000
6000		.003	.007	.013	.022	.031	.041	.043	.055	.076	.095	.129	.159	.188	.211	.245	.293	.536	.375	.436	.488	.565	.831	.700	6000
7000		.003	.005	.010	.013	.023	.080	.036	.041	.057	.071	.097	.120	.141	.161	.187	.227	.261	.292	.347	.393	.468	.527	.597	7000
8000		.002	.004	.003	.013	.017	.023	.027	.031	.044	.055	.075	.094	.110	.123	.147	.179	.208	.234	.280	.320	.586	.441	.507	8000
9000		.002	.003	.006	.010	.014	.013	.022	.025	.035	.044	.060	.075	.083	.101	.119	.145	.169	.191	.230	.284	.522	.371	.432	9000
10000		.001	.002	.005	.008	.011	.015	.013	.020	.028	.036	.049	.061	.072	.083	.097	.119	.140	.153	.191	.221	.272	.315	.570	10000

33P8

34P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	Adj VN
psi	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	psi
HOB	88	190	239	301	363	409	457	488	515	599	648	742	817	880	938	1007	1109	1195	1269	1397	1505	1684	1831	2015	HOB
VR	206	445	560	706	851	958	1072	1144	1207	1382	1521	1741	1918	2064	2194	2383	2601	2802	2977	3277	3530	3948	4294	4726	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.502	.932	.977	.994	.998	.999																			200
400	.186	.551	.707	.841	.918	.951	.972	.980	.985	.993	.996	.998	.999	.999											400
600	.078	.309	.438	.590	.715	.787	.847	.877	.898	.942	.963	.981	.999	.998	.995	.997	.998	.999	.999						600
800	.045	.190	.282	.404	.522	.602	.677	.720	.754	.830	.876	.926	.951	.966	.975	.983	.990	.994	.998	.998	.998	.999			800
1000	.029	.127	.193	.285	.383	.454	.527	.570	.607	.698	.759	.834	.879	.908	.928	.948	.967	.977	.984	.991	.994	.997	.998	.999	1000
1200	.020	.090	.139	.210	.287	.347	.411	.451	.485	.575	.640	.729	.787	.826	.858	.891	.924	.945	.958	.974	.983	.991	.994	.997	1200
1400	.015	.067	.104	.160	.222	.271	.325	.360	.390	.473	.536	.627	.692	.739	.776	.818	.866	.897	.916	.948	.962	.978	.986	.992	1400
1600	.011	.052	.081	.125	.175	.216	.262	.291	.318	.391	.449	.537	.602	.652	.698	.740	.798	.837	.866	.905	.930	.957	.972	.983	1600
1800	.009	.041	.065	.100	.142	.178	.214	.239	.262	.327	.379	.460	.522	.572	.614	.664	.727	.772	.807	.856	.889	.926	.950	.968	1800
2000	.007	.034	.053	.082	.117	.148	.178	.200	.219	.276	.322	.396	.454	.502	.542	.593	.658	.707	.745	.802	.841	.892	.921	.948	2000
2500	.005	.022	.034	.054	.077	.096	.118	.134	.147	.188	.222	.279	.326	.366	.401	.446	.507	.557	.598	.668	.712	.781	.827	.873	2500
3000	.003	.015	.024	.038	.054	.066	.084	.095	.105	.135	.161	.205	.242	.274	.302	.340	.394	.438	.477	.540	.590	.686	.721	.780	3000
3500	.002	.011	.018	.028	.040	.050	.063	.071	.079	.102	.121	.156	.185	.211	.234	.265	.310	.349	.380	.440	.487	.581	.616	.683	3500
4000	.002	.009	.013	.021	.031	.039	.048	.055	.061	.079	.095	.122	.145	.166	.185	.211	.249	.282	.311	.361	.404	.473	.528	.593	4000
5000	.001	.005	.009	.014	.020	.025	.031	.036	.039	.051	.062	.080	.096	.110	.124	.142	.168	.183	.214	.252	.285	.342	.388	.446	5000
6000	.001	.004	.006	.010	.014	.017	.022	.025	.028	.036	.048	.056	.068	.078	.088	.101	.121	.139	.155	.184	.210	.254	.292	.340	6000
7000	.001	.003	.004	.007	.010	.013	.016	.018	.020	.027	.032	.042	.050	.058	.065	.075	.091	.104	.117	.139	.160	.185	.225	.265	7000
8000		.002	.003	.005	.008	.010	.012	.014	.016	.020	.025	.032	.039	.048	.051	.058	.070	.081	.091	.109	.125	.153	.178	.211	8000
9000		.002	.003	.004	.006	.008	.010	.011	.012	.016	.020	.026	.031	.036	.040	.046	.056	.068	.073	.087	.100	.124	.144	.172	9000
10000		.001	.002	.003	.005	.006	.008	.009	.010	.013	.016	.021	.025	.029	.033	.036	.046	.053	.059	.071	.082	.102	.119	.142	10000

34P0

35P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	Adj VN
psi	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	psi
HOB	84	182	229	288	348	391	438	467	493	565	621	711	783	843	896	965	1068	1145	1218	1339	1442	1613	1754	1931	HOB
WR	193	417	525	661	797	898	1004	1071	1131	1295	1425	1631	1795	1934	2055	2214	2436	2625	2789	3070	3307	3699	4022	4427	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.460	.911	.968	.991	.997	.999	.999																		200
400	.148	.508	.664	.807	.895	.935	.961	.971	.978	.990	.994	.998	.999	.999	.999										400
600	.069	.278	.399	.546	.672	.748	.814	.847	.872	.923	.949	.974	.984	.990	.993	.995	.997	.998	.999	.999					600
800	.040	.169	.253	.366	.479	.558	.634	.677	.718	.795	.846	.904	.935	.953	.965	.976	.986	.991	.993	.998	.998	.999	.999		800
1000	.026	.112	.171	.256	.346	.414	.484	.527	.563	.655	.718	.799	.850	.883	.907	.931	.955	.968	.977	.986	.991	.995	.997	.999	1000
1200	.018	.080	.123	.187	.258	.313	.373	.411	.444	.531	.596	.687	.748	.798	.828	.868	.902	.927	.944	.964	.975	.987	.992	.995	1200
1400	.013	.059	.092	.142	.198	.243	.293	.325	.354	.432	.493	.583	.648	.696	.737	.782	.834	.870	.895	.928	.948	.969	.980	.988	1400
1600	.010	.046	.071	.111	.156	.193	.234	.262	.286	.355	.409	.494	.558	.608	.649	.699	.759	.803	.835	.860	.909	.943	.961	.978	1600
1800	.008	.036	.057	.089	.126	.158	.191	.214	.235	.294	.343	.420	.480	.529	.589	.623	.684	.732	.770	.824	.861	.907	.934	.957	1800
2000	.006	.030	.046	.073	.103	.129	.158	.178	.196	.247	.290	.359	.414	.460	.499	.548	.613	.664	.704	.764	.807	.864	.898	.921	2000
2500	.004	.019	.030	.047	.068	.085	.105	.118	.131	.167	.198	.250	.284	.331	.363	.406	.465	.513	.554	.619	.669	.742	.792	.843	2500
3000	.003	.013	.021	.033	.048	.060	.074	.084	.093	.120	.143	.183	.216	.245	.272	.307	.357	.399	.435	.496	.546	.622	.678	.740	3000
3500	.002	.010	.015	.024	.035	.044	.055	.063	.069	.090	.108	.138	.164	.188	.209	.238	.279	.315	.346	.400	.445	.518	.574	.635	3500
4000	.002	.007	.012	.019	.027	.034	.043	.048	.054	.070	.084	.108	.129	.148	.165	.188	.223	.253	.290	.327	.368	.432	.485	.548	4000
5000	.001	.005	.008	.012	.017	.022	.028	.031	.035	.045	.054	.071	.085	.098	.110	.128	.150	.171	.191	.226	.258	.308	.351	.406	5000
6000	.001	.003	.005	.008	.012	.015	.019	.022	.024	.032	.038	.050	.060	.069	.078	.089	.107	.123	.138	.164	.187	.227	.262	.307	6000
7000	.001	.002	.004	.006	.009	.011	.014	.016	.018	.023	.028	.037	.044	.051	.058	.067	.080	.092	.103	.124	.142	.174	.201	.238	7000
8000		.002	.003	.005	.007	.009	.011	.012	.014	.018	.022	.028	.034	.040	.045	.051	.062	.071	.080	.096	.111	.136	.159	.186	8000
9000		.001	.002	.004	.005	.007	.009	.010	.011	.014	.017	.022	.027	.031	.035	.041	.049	.057	.064	.077	.089	.110	.126	.153	9000
10000		.001	.002	.003	.004	.006	.007	.008	.009	.012	.014	.018	.022	.026	.029	.033	.040	.046	.052	.063	.073	.090	.105	.126	10000

35P0

38P1

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	39.0	38.1	38.0	37.9	37.8	37.8	37.7	37.7	37.7	37.7	37.8	37.8	37.6	37.6	37.6	37.6	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	Adj VN
psi	1370	1170	1145	1120	1104	1096	1089	1085	1082	1075	1071	1066	1063	1060	1058	1056	1054	1052	1051	1049	1048	1046	1045	1043	psi
HOB	73	161	204	258	312	352	394	421	444	509	581	643	708	763	811	874	962	1037	1102	1214	1308	1463	1592	1752	HOB
VR	149	339	432	543	664	750	840	898	949	1088	1200	1376	1518	1634	1738	1873	2063	2224	2364	2604	2806	3141	3417	3763	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.312	.821	.923	.975	.991	.999	.998	.999	.999																200
400	.081	.381	.531	.693	.809	.870	.914	.935	.949	.974	.984	.993	.996	.998	.998	.999	.999								400
600	.042	.196	.294	.425	.548	.680	.707	.749	.782	.855	.896	.940	.962	.974	.981	.988	.993	.996	.997	.998	.999	.999			600
800	.024	.116	.180	.272	.380	.440	.514	.550	.595	.688	.750	.828	.874	.904	.925	.946	.968	.976	.983	.990	.994	.997	.998	.999	800
1000	.015	.076	.120	.185	.258	.315	.376	.414	.448	.537	.603	.695	.758	.801	.833	.869	.908	.932	.948	.967	.978	.988	.993	.996	1000
1200	.011	.054	.085	.133	.188	.233	.282	.314	.342	.420	.481	.572	.638	.688	.728	.774	.828	.865	.891	.925	.945	.968	.979	.988	1200
1400	.008	.043	.063	.100	.143	.176	.217	.243	.267	.333	.387	.470	.534	.584	.626	.677	.739	.784	.819	.856	.897	.935	.555	.972	1400
1600	.006	.031	.049	.078	.111	.140	.172	.193	.213	.269	.315	.399	.447	.495	.536	.589	.652	.702	.741	.798	.838	.880	.920	.947	1600
1800	.005	.024	.039	.063	.089	.112	.139	.156	.173	.220	.260	.324	.377	.421	.459	.507	.572	.623	.664	.727	.773	.836	.875	.913	1800
2000	.004	.020	.032	.050	.073	.092	.114	.129	.143	.183	.217	.274	.320	.360	.395	.440	.508	.552	.593	.658	.708	.778	.825	.871	2000
2500	.002	.013	.020	.033	.047	.060	.075	.085	.094	.122	.146	.188	.221	.251	.278	.314	.365	.409	.448	.508	.558	.634	.691	.752	2500
3000	.002	.006	.014	.023	.033	.042	.053	.060	.067	.087	.104	.134	.160	.183	.204	.232	.273	.309	.340	.394	.439	.511	.568	.633	3000
3500	.001	.006	.010	.017	.025	.031	.039	.044	.049	.064	.078	.101	.121	.139	.155	.177	.210	.239	.265	.311	.350	.414	.466	.529	3500
4000	.001	.005	.008	.013	.019	.024	.030	.034	.038	.050	.060	.078	.094	.108	.121	.139	.168	.190	.211	.249	.283	.339	.395	.443	4000
5000	.001	.003	.006	.008	.012	.015	.019	.022	.025	.032	.039	.051	.061	.071	.080	.092	.110	.127	.142	.169	.193	.235	.271	.317	5000
6000		.002	.004	.006	.008	.011	.013	.015	.017	.023	.027	.036	.043	.050	.056	.065	.078	.090	.101	.121	.139	.171	.198	.234	6000
7000		.002	.003	.004	.006	.008	.010	.011	.013	.017	.020	.026	.032	.037	.042	.048	.058	.067	.076	.091	.105	.129	.150	.179	7000
8000		.001	.002	.003	.005	.006	.008	.009	.010	.013	.015	.020	.025	.028	.032	.037	.045	.052	.058	.070	.081	.101	.118	.141	8000
9000		.001	.002	.003	.004	.005	.006	.007	.008	.010	.012	.016	.019	.023	.025	.030	.036	.041	.047	.058	.065	.080	.094	.113	9000
10000		.001	.001	.002	.003	.004	.005	.006	.006	.008	.010	.013	.016	.018	.021	.024	.029	.034	.038	.046	.053	.068	.077	.093	10000

38P1

38P2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	40.1	38.3	38.0	37.7	37.3	37.5	37.4	37.4	37.3	37.3	37.3	37.3	37.1	37.1	37.1	37.1	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.9	Adj VN
psi	1065	1213	1146	1093	1061	1044	1029	1022	1010	1003	994	984	978	973	970	966	961	958	955	953	949	945	943	940	psi
HOB	70	160	204	258	314	355	398	426	450	513	569	653	720	778	825	890	980	1057	1124	1238	1334	1494	1625	1790	HOB
VR	139	336	432	553	673	763	858	917	970	1110	1232	1415	1562	1683	1793	1934	2133	2300	2446	2696	2907	3257	3545	3905	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.278	.815	.929	.976	.992	.996	.998	.999	.996																200
400	.080	.375	.531	.688	.817	.877	.921	.941	.964	.977	.987	.994	.997	.998	.999	.999									400
600	.034	.192	.294	.430	.558	.643	.720	.762	.795	.860	.906	.940	.967	.978	.984	.990	.994	.996	.999	.999	.999				600
800	.021	.114	.180	.276	.376	.461	.527	.572	.613	.704	.766	.843	.887	.915	.934	.953	.971	.980	.986	.992	.995	.997	.999	.999	800
1000	.013	.075	.120	.199	.264	.323	.387	.427	.463	.554	.621	.713	.774	.817	.849	.883	.919	.941	.960	.972	.981	.990	.994	.997	1000
1200	.009	.053	.099	.135	.193	.240	.281	.324	.364	.436	.499	.592	.658	.708	.748	.793	.845	.879	.904	.935	.954	.973	.983	.990	1200
1400	.007	.039	.063	.102	.146	.189	.225	.252	.277	.347	.402	.489	.584	.605	.647	.696	.759	.804	.836	.881	.910	.944	.962	.977	1400
1600	.006	.030	.049	.079	.114	.144	.178	.200	.221	.260	.320	.405	.466	.515	.557	.608	.674	.723	.763	.817	.856	.903	.931	.955	1600
1800	.004	.024	.036	.063	.092	.113	.144	.163	.180	.230	.271	.336	.394	.440	.478	.529	.595	.646	.687	.749	.794	.853	.891	.925	1800
2000	.003	.018	.032	.051	.075	.095	.119	.134	.146	.181	.227	.287	.336	.377	.413	.460	.524	.574	.618	.682	.731	.799	.843	.887	2000
2500	.002	.012	.020	.033	.049	.062	.078	.088	.098	.128	.153	.196	.233	.264	.293	.331	.384	.429	.468	.531	.582	.659	.715	.775	2500
3000	.001	.009	.014	.023	.034	.044	.055	.062	.070	.091	.109	.141	.169	.193	.213	.245	.289	.326	.359	.415	.461	.536	.593	.653	3000
3500	.001	.006	.010	.017	.028	.032	.041	.046	.052	.066	.082	.106	.120	.147	.164	.188	.223	.253	.281	.329	.369	.438	.490	.554	3500
4000	.001	.005	.008	.013	.019	.025	.031	.036	.040	.052	.063	.080	.098	.115	.129	.148	.176	.203	.224	.265	.299	.353	.405	.466	4000
5000	.001	.003	.005	.008	.012	.015	.020	.023	.026	.034	.041	.054	.065	.075	.086	.098	.117	.135	.151	.180	.206	.250	.287	.336	5000
6000		.002	.004	.006	.009	.011	.014	.016	.018	.024	.029	.036	.040	.053	.060	.069	.083	.096	.106	.129	.148	.182	.211	.249	6000
7000		.002	.003	.004	.006	.008	.010	.012	.013	.017	.021	.028	.034	.039	.044	.051	.062	.072	.081	.097	.113	.138	.161	.191	7000
8000		.001	.002	.003	.005	.006	.008	.008	.010	.013	.016	.021	.026	.030	.034	.040	.048	.055	.062	.075	.087	.108	.126	.150	8000
9000		.001	.002	.003	.004	.005	.006	.007	.008	.011	.013	.017	.021	.024	.027	.031	.038	.044	.050	.060	.069	.086	.101	.121	9000
10000		.001	.001	.002	.003	.004	.005	.006	.007	.008	.010	.014	.017	.019	.023	.026	.031	.036	.041	.049	.057	.070	.083	.100	10000

38P2

38P3

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1600	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	41.2	39.5	38.0	37.6	37.3	37.2	37.1	37.0	37.0	36.9	36.9	36.7	36.6	36.9	36.5	36.5	36.5	36.4	36.4	36.4	36.4	36.3	36.3	36.4	Adj VN
psi	2047	1254	1145	1064	1014	988	966	955	946	927	914	899	890	883	879	872	869	861	657	852	848	843	840	839	psi
HOB	99	159	204	261	317	359	404	432	457	525	579	665	734	792	843	909	1002	1061	1149	1267	1366	1530	1665	1894	HOB
WR	129	332	432	559	684	779	877	940	995	1149	1289	1462	1915	1745	1859	2006	2214	2380	2543	2805	3027	3393	[illegible]	4073	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.246	.809	.923	.977	.993	.997	.999	.999	.999																200
400	.069	.368	.531	.704	.825	.885	.920	.947	.959	.980	.999	.995	.997	[illegible]	[illegible]	.999									400
600	.032	.136	.294	.436	.569	.956	.734	.776	.809	.879	.917	.955	.972	.981	.967	.992	.995	.997	.999	.999	.999				600
800	.018	.111	.180	.280	.386	.463	.542	.536	.928	.722	.784	.859	.900	.926	.944	.960	.976	.984	.989	.994	.999	.999	.999	.999	800
1000	.011	.073	.120	.191	.271	.334	.400	.442	.479	.573	.841	.734	.794	.836	.866	.869	.931	.951	.993	.979	.985	.992	.995	.997	1000
1200	.009	.051	.085	.139	.199	.249	.302	.337	.368	.453	.519	.913	.981	.731	.769	.813	.863	.865	.917	.945	.962	.979	.887	.992	1200
1400	.006	.039	.063	.108	.151	.190	.234	.263	.288	.362	.420	.510	.576	.929	.971	.721	.782	.824	.855	.387	.924	.954	.999	.982	1400
1600	.005	.029	.049	.080	.119	.149	.185	.209	.231	.293	.344	.325	.468	.539	.581	.933	.999	.747	.785	.838	.874	.919	.942	.993	1600
1800	.004	.023	.039	.064	.095	.120	.150	.170	.188	.241	.285	.357	.414	.461	.502	.553	.920	.971	.712	.773	.819	.872	.906	.937	1800
2000	.003	.018	.032	.052	.077	.099	.124	.140	.156	.201	.239	.302	.354	.397	.435	.483	.549	.600	.642	.709	.755	.821	.863	.803	2000
2500	.002	.012	.020	.034	.050	.065	.081	.093	.103	.135	.192	.209	.246	.280	.310	.350	.406	.453	.493	.559	.609	.936	.741	.799	2500
3000	.001	.009	.014	.024	.035	.045	.057	.065	.073	.096	.119	.150	.179	.206	.229	.261	.307	.346	.381	.439	.437	.563	.921	.999	3000
3500	.001	.008	.010	.017	.026	.034	.042	.049	.054	.071	.037	.113	.138	.156	.175	.200	.239	.270	.299	.349	.392	.462	.517	.582	3600
4000	.001	.005	.009	.013	.020	.026	.033	.037	.042	.055	.067	.086	.106	.122	.137	.158	.198	.215	.240	.282	.319	.381	.431	.493	4000
5000		.003	.005	.009	.013	.017	.021	.024	.027	.036	.044	.057	.069	.080	.091	.105	.126	.145	.162	.193	.220	.267	.307	.358	5000
6000		.002	.004	.008	.009	.012	.015	.017	.019	.025	.030	.040	.049	.057	.064	.074	.086	.103	.115	.139	.160	.196	.227	.269	9000
7000		.002	.003	.004	.007	.009	.011	.012	.014	.019	.022	.030	.039	.042	.047	.055	.067	.077	.087	.104	.120	.149	.173	.206	7000
8000		.001	.002	.003	.005	.007	.009	.010	.011	.014	.017	.023	.029	.032	.037	.042	.051	.060	.067	.081	.094	.119	.136	.162	8000
9000		.001	.002	.003	.004	.005	.007	.009	.009	.011	.014	.019	.022	.028	.029	.034	.041	.048	.054	.065	.075	.093	.109	.131	9000
10000		.001	.001	.002	.003	.004	.005	.006	.007	.008	.011	.015	.019	.021	.024	.027	.033	.039	.044	.053	.061	.076	.090	.109	10000

38P5

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1600	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	43.5	36.9	36.0	37.2	36.7	36.5	36.2	36.1	36.0	35.9	35.9	35.4	35.3	35.2	35.2	35.1	35.0	35.0	34.9	34.9	34.9	34.7	34.7	34.7	Adj VN
psi	3147	1357	1145	996	908	863	827	809	794	782	742	719	704	893	986	977	666	959	954	646	640	633	629	922	psi
HOB	63	157	204	264	324	369	417	447	474	547	606	369	772	835	888	961	1061	1146	1220	1347	1453	1630	1770	1959	HOB
WR	111	322	432	571	712	819	929	999	1060	1231	1369	1584	1757	1903	2030	2197	2481	2629	2802	3099	3347	3740	4101	4527	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.188	.793	.923	.980	.994	.998	.999	.999																	200
400	.051	.352	.531	.719	.845	.904	.943	.959	.970	.937	.993	.997	.998	.999	.999										400
600	.023	.179	.294	.450	.595	.988	.769	.810	.942	.906	.939	.969	.982	.936	.992	.995	.997	.998	.999	.999					600
800	.013	.105	.180	.291	.409	.495	.580	.929	.970	.766	.825	.893	.929	.949	.993	.975	.985	.991	.994	.997	.998	.999	.999		800
1000	.009	.069	.120	.199	.288	.360	.434	.480	.520	.921	.891	.788	.809	.876	.802	.929	.954	.969	.977	.987	.992	.996	.998	.999	1000
1200	.006	.049	.085	.144	.213	.269	.330	.370	.405	.493	.568	.669	.735	.783	.819	.859	.901	.928	.945	.999	.977	.999	.993	.996	1200
1400	.004	.036	.063	.108	.192	.207	.257	.290	.320	.402	.467	.563	.634	.987	.729	.777	.833	.971	.897	.931	.851	.972	.982	.980	1400
1600	.003	.028	.049	.084	.127	.163	.204	.232	.257	.328	.388	.475	.543	.597	.841	.994	.758	.804	.837	.984	.913	.947	.964	.979	1600
1800	.003	.022	.039	.067	.102	.131	.166	.138	.210	.271	.322	.402	.466	.519	.561	.915	.983	.733	.773	.929	.866	.912	.939	.991	1800
2000	.002	.019	.032	.055	.083	.106	.137	.156	.174	.227	.271	.343	.401	.450	.491	.543	.912	.665	.707	.770	.814	.871	.906	.937	2000
2500	.001	.011	.020	.035	.054	.071	.090	[illegible]	.119	.153	.185	.256	.283	.322	.357	.401	.484	.514	.557	.925	.677	.752	.803	.954	2500
3000	.001	.009	.014	.025	.038	.050	.064	.073	.082	.109	.133	.173	.208	.239	.288	.303	.355	.400	.438	.502	.554	.933	.891	.754	3000
3500	.001	.006	.010	.019	.029	.037	.047	.055	.061	.082	.100	.131	.158	.183	.205	.234	.279	.316	.349	.408	.453	.529	.587	.854	3500
4000	.001	.004	.009	.014	.022	.028	.036	.042	.047	.063	.077	.102	.124	.143	.191	.188	.222	.254	.282	.331	.373	.442	.439	.564	4000
5000		.003	.005	.009	.014	.019	.024	.027	.031	.041	.050	.067	.081	.095	.107	.124	.149	.172	.193	.229	.261	.316	.362	.419	5000
6000		.002	.004	.008	.010	.013	.019	.019	.021	.029	.035	.047	.057	.067	.079	.088	.107	.123	.139	.168	.191	.234	.271	.318	6000
7000		.001	.003	.005	.007	.009	.012	.014	.019	.021	.028	.036	.043	.050	.059	.066	.080	.092	.104	.129	.145	.179	.209	.247	7000
8000		.001	.002	.004	.005	.007	.009	.011	.012	.019	.020	.027	.033	.038	.043	.051	.062	.072	.081	.098	.113	.140	.164	.199	8000
9000		.001	.002	.003	.004	.008	.007	.009	.010	.013	.016	.021	.029	.030	.035	.040	.049	.057	.065	.079	.091	.113	.133	.159	9000
10000		.001	.001	.002	.004	.005	.006	.007	.009	.010	.013	.017	.021	.025	.028	.033	.040	.047	.053	.064	.074	.093	.109	.131	10000

38P7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj W	45.6	36.5	36.0	36.7	35.9	35.4	35.0	34.8	34.6	34.2	34.0	33.6	33.4	33.5	33.2	33.1	32.9	32.6	32.7	32.6	32.5	32.4	32.3	32.2	Adj W
psi	4780	1497	1145	911	779	714	662	636	617	574	548	517	499	485	475	464	452	443	437	427	421	412	406	400	psi
HOB	56	154	204	269	335	385	438	472	501	584	650	754	836	909	970	1051	1165	1262	1346	1490	1612	1813	1679	2187	HOB
WR	95	511	432	590	752	874	1004	1087	1160	1363	1525	1783	1966	2162	2314	2514	2794	3031	3236	3592	3891	4386	4795	5306	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.144	.772	.623	.983	.996	.998	.999																		200
400	.038	.334	.531	.740	.871	.927	.961	.973	.981	.995	.999	.999	.999												400
600	.017	.168	.294	.471	.633	.732	.814	.854	.883	.958	.983	.984	.991	.995	.996	.996	.999	.996							600
800	.010	.099	.180	.306	.442	.540	.634	.687	.726	.825	.977	.933	.959	.973	.981	.986	.994	.996	.997	.999	.999				800
1000	.006	.065	.120	.211	.316	.398	.484	.536	.580	.699	.760	.846	.894	.924	.943	.961	.977	.985	.990	.995	.997	.996	.999		1000
1200	.004	.045	.065	.152	.234	.500	.373	.416	.460	.566	.642	.744	.806	.851	.882	.915	.944	.962	.976	.984	.990	.995	.997	.998	1200
1400	.003	.034	.063	.115	.176	.252	.293	.332	.366	.464	.556	.643	.716	.766	.807	.850	.896	.924	.943	.963	.976	.988	.993	.996	1400
1600	.002	.026	.049	.089	.140	.194	.234	.266	.296	.383	.452	.553	.627	.680	.727	.776	.836	.874	.901	.935	.954	.975	.984	.991	1600
1800	.002	.020	.039	.071	.115	.146	.191	.219	.245	.320	.380	.475	.547	.604	.650	.705	.771	.817	.851	.896	.924	.955	.971	.983	1800
2000	.002	.017	.032	.058	.093	.123	.158	.192	.205	.286	.323	.410	.476	.538	.579	.635	.705	.756	.795	.850	.886	.926	.951	.970	2000
2500	.001	.011	.020	.036	.060	.081	.105	.122	.137	.183	.223	.290	.345	.392	.433	.485	.555	.610	.655	.723	.772	.836	.880	.918	2500
3000	.001	.007	.014	.026	.042	.057	.074	.086	.096	.132	.162	.213	.257	.295	.329	.374	.436	.488	.532	.602	.656	.734	.788	.842	3000
3500	.001	.005	.010	.019	.031	.042	.055	.064	.073	.099	.122	.162	.197	.226	.256	.294	.347	.393	.452	.498	.551	.633	.692	.757	3500
4000		.004	.006	.015	.024	.032	.045	.050	.056	.077	.095	.127	.155	.181	.204	.235	.281	.320	.355	.414	.464	.542	.602	.671	4000
5000		.003	.005	.010	.016	.021	.026	.032	.037	.050	.062	.084	.103	.120	.136	.159	.192	.221	.247	.294	.334	.400	.455	.520	5000
6000		.002	.004	.007	.011	.015	.016	.022	.026	.035	.044	.056	.073	.085	.097	.114	.136	.160	.180	.216	.246	.302	.348	.405	6000
7000		.001	.003	.005	.008	.011	.014	.017	.018	.026	.032	.044	.054	.064	.076	.085	.104	.121	.138	.185	.190	.234	.272	.320	7000
8000		.001	.002	.004	.006	.008	.011	.013	.014	.020	.025	.034	.042	.046	.056	.066	.081	.094	.106	.129	.146	.185	.217	.257	8000
9000		.001	.002	.003	.005	.007	.009	.010	.011	.016	.020	.027	.033	.036	.045	.052	.064	.075	.085	.104	.120	.150	.176	.210	9000
10000		.001	.001	.002	.004	.005	.007	.008	.009	.013	.016	.022	.027	.032	.036	.043	.052	.061	.070	.085	.099	.124	.146	.175	10000

38P8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj W	46.6	39.6	36.0	[illegible]	[illegible]	34.7	34.1	33.6	33.6	33.1	32.7	32.5	32.0	31.6	31.7	31.5	31.3	31.1	31.0	30.8	30.7	30.6	30.5	30.3	Adj W
psi	5841	1587	1145	859	701	625	566	536	514	466	438	404	384	370	360	349	336	327	320	311	304	295	289	238	psi
HOB	57	152	204	272	343	397	454	491	524	624	687	905	896	975	1044	1135	1263	1371	1465	1627	1764	1991	2178	2413	HOB
WR	88	305	432	605	781	617	1065	1155	1239	1468	1659	1947	2182	2581	2556	2785	3107	3380	3619	4026	4371	4843	5413	6004	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.126	.760	.623	.985	.997	.999																			200
400	.030	.323	.531	.753	.887	.943	.970	.981	.987	.995	.998	.996													400
600	.015	.162	.294	.484	.656	.761	.843	.881	.908	.956	.975	.990	.995	.997	.996	.999	.999								600
800	.006	.095	.180	.317	.466	.572	.872	.726	.769	.860	.909	.955	.974	.984	.989	.993	.997	.998	.996	.999					800
1000	.005	.062	.120	.219	.336	.427	.521	.576	.625	.737	.807	.888	.926	.950	.964	.977	.987	.992	.995	.997	.999	.999			1000
1200	.004	.044	.085	.156	.249	.324	.408	.457	.502	.616	.696	.798	.856	.894	.919	.944	.966	.976	.985	.992	.995	.998	.999	.999	1200
1400	.003	.032	.063	.119	.191	.252	.321	.366	.405	.513	.592	.702	.775	.822	.856	.895	.932	.953	.996	.980	.968	.984	.997	.996	1400
1600	.002	.025	.049	.093	.150	.200	.256	.296	.351	.427	.503	.613	.699	.745	.788	.834	.865	.916	.937	.961	.974	.987	.992	.988	1600
1800	.002	.020	.039	.074	.121	.162	.211	.244	.274	.359	.426	.533	.610	.669	.715	.766	.830	.871	.899	.984	.954	.975	.985	.992	1800
2000	.001	.016	.032	.061	.099	.134	.175	.203	.229	.304	.366	.464	.539	.598	.646	.702	.771	.816	.853	.896	.927	.958	.976	.984	2000
2500	.001	.010	.020	.039	.065	.086	.117	.136	.155	.209	.256	.334	.387	.450	.496	.550	.627	.683	.728	.792	.837	.892	.924	.952	2500
3000	.001	.007	.014	.028	.046	.062	.083	.097	.110	.151	.167	.246	.300	.344	.383	.435	.504	.560	.607	.676	.732	.805	.852	.897	3000
3500		.005	.010	.020	.034	.046	.062	.072	.083	.114	.142	.190	.232	.269	.302	.346	.406	.456	.505	.575	.630	.712	.769	.827	3500
4000		.004	.006	.016	.026	.036	.048	.056	.064	.099	.111	.150	.184	.214	.242	.279	.333	.379	.419	.496	.540	.625	.684	.750	4000
5000		.003	.005	.010	.017	.023	.031	.038	.041	.056	.073	.099	.122	.144	.163	.191	.231	.266	.297	.352	.398	.474	.584	.604	5000
6000		.002	.004	.007	.012	.016	.021	.025	.029	.041	.051	.070	.087	.103	.117	.137	.167	.184	.219	.265	.300	.364	.417	.482	6000
7000		.001	.003	.005	.009	.012	.016	.019	.021	.030	.038	.052	.065	.077	.086	.103	.126	.147	.167	.202	.232	.288	.330	.387	7000
8000		.001	.002	.004	.007	.009	.012	.014	.016	.023	.029	.040	.050	.059	.066	.080	.099	.115	.131	.156	.184	.226	.286	.315	8000
9000		.001	.002	.003	.005	.007	.010	.011	.013	.016	.025	.032	.040	.047	.054	.064	.079	.092	.105	.128	.149	.196	.216	.260	9000
10000		.001	.001	.005	.004	.006	.008	.009	.011	.015	.019	.026	.052	.058	.044	.052	.064	.076	.086	.105	.123	.154	.181	.217	10000

38P7

38P8

38P9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	49.0	40.1	38.0	36.0	34.6	33.7	32.9	32.5	32.2	31.4	30.3	30.2	29.8	29.5	29.3	29.0	28.7	28.5	28.3	28.0	27.9	27.6	27.4	27.2	Adj VN
psi	7049	1982	1145	797	910	822	454	421	396	343	313	278	257	244	233	222	209	201	194	186	179	171	166	160	psi
HOB	56	150	204	277	354	414	480	522	560	667	754	894	1006	1105	1190	1303	1463	1600	1720	1925	2100	2391	2632	2934	HOB
WR	63	298	432	618	821	978	1150	1290	1360	1838	1963	2228	2518	2767	2996	3273	3980	4024	4326	4843	5281	6007	6608	7360	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.111	.746	.823	.987	.999	.999																			200
400	.029	.311	.531	.768	.906	.985	.980	.988	.992	.998	.999														400
600	.013	.155	.294	.502	.691	.799	.879	.914	.937	.974	.987	.968	.988	.998	.989										600
800	.007	.091	.180	.331	.488	.618	.723	.780	.822	.908	.944	.977	.988	.993	.996	.989	.999	.999							800
1000	.005	.059	.120	.229	.362	.467	.574	.638	.687	.802	.867	.932	.961	.976	.984	.991	.998	.997	.998	.998	.998				1000
1200	.003	.042	.085	.166	.271	.358	.454	.513	.564	.690	.771	.865	.914	.942	.959	.974	.986	.982	.998	.997	.998	.998			1200
1400	.002	.031	.063	.125	.208	.281	.363	.418	.463	.606	.673	.705	.851	.882	.918	.945	.959	.980	.987	.993	.998	.998	.998	.999	1400
1600	.002	.024	.049	.098	.188	.224	.294	.340	.382	.487	.585	.702	.778	.831	.868	.905	.941	.951	.973	.986	.991	.998	.998	.999	1600
1800	.001	.019	.039	.073	.133	.182	.242	.282	.318	.422	.504	.624	.706	.765	.809	.856	.906	.934	.962	.972	.982	.982	.988	.998	1800
2000	.001	.018	.032	.064	.109	.151	.201	.238	.268	.361	.437	.552	.636	.698	.747	.801	.861	.899	.924	.953	.959	.985	.991	.985	2000
2500	.001	.010	.020	.041	.072	.100	.135	.159	.183	.252	.312	.401	.496	.548	.600	.662	.738	.792	.831	.884	.918	.882	.969	.983	2500
3000	.001	.007	.014	.029	.050	.071	.096	.114	.131	.184	.230	.310	.375	.431	.479	.539	.619	.678	.728	.794	.840	.897	.929	.956	3000
3500		.005	.010	.021	.037	.052	.072	.085	.099	.139	.176	.247	.295	.342	.384	.439	.514	.574	.623	.699	.754	.827	.873	.915	3500
4000		.004	.008	.019	.029	.040	.058	.066	.077	.109	.139	.190	.236	.276	.312	.361	.429	.485	.533	.609	.668	.751	.807	.861	4000
5000		.002	.005	.011	.018	.026	.036	.043	.050	.071	.091	.127	.169	.188	.215	.252	.306	.352	.392	.461	.517	.604	.668	.738	5000
6000		.002	.004	.007	.013	.018	.025	.030	.035	.050	.064	.090	.114	.139	.156	.184	.225	.262	.298	.353	.402	.482	.540	.619	6000
7000		.001	.003	.005	.009	.013	.018	.022	.026	.037	.048	.067	.086	.102	.117	.139	.172	.201	.229	.276	.318	.388	.448	.514	7000
8000		.001	.002	.004	.007	.010	.014	.017	.020	.029	.037	.052	.066	.079	.091	.106	.135	.160	.181	.220	.258	.318	.366	.429	8000
9000		.001	.002	.003	.005	.008	.011	.013	.016	.023	.029	.041	.053	.063	.073	.087	.106	.128	.146	.179	.209	.260	.304	.360	9000
10000		.001	.001	.003	.005	.007	.009	.011	.013	.018	.024	.034	.043	.051	.060	.071	.088	.105	.120	.148	.173	.217	.236	.305	10000

38P9

39P4

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	43.4	39.7	38.0	38.4	38.1	37.8	37.7	37.8	37.5	37.3	37.2	37.1	37.0	37.0	36.9	36.9	36.9	36.8	36.7	36.7	36.6	36.9	36.9	36.8	Adj VN
psi	3043	1562	1374	1238	1158	1114	1079	1061	1047	1018	997	973	958	948	940	932	921	914	909	900	898	887	882	876	psi
HOB	93	153	197	283	309	351	395	423	447	515	589	655	723	780	851	887	899	1067	1136	1252	1351	1614	1648	1819	HOB
WR	112	306	404	529	653	745	843	908	960	1117	1231	1421	1573	1701	1813	1886	2195	2338	2491	2750	2909	3392	3831	4005	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.182	.763	.901	.970	.990	.996	.998	.998	.999																200
400	.053	.326	.488	.668	.800	.867	.910	.937	.951	.976	.986	.994	.997	.998	.999	.999									400
600	.024	.193	.264	.403	.537	.627	.709	.753	.792	.864	.906	.949	.968	.979	.988	.990	.995	.997	.998	.998	.999				600
800	.013	.096	.180	.256	.358	.437	.516	.563	.603	.701	.766	.845	.890	.919	.937	.956	.973	.982	.987	.990	.996	.998	.999	.996	800
1000	.009	.063	.108	.174	.251	.312	.378	.419	.455	.551	.620	.718	.779	.822	.854	.896	.924	.948	.966	.975	.984	.981	.995	.997	1000
1200	.006	.044	.075	.125	.183	.230	.283	.318	.348	.433	.488	.594	.663	.714	.754	.800	.862	.888	.910	.940	.958	.976	.986	.982	1200
1400	.004	.033	.058	.093	.138	.176	.218	.247	.272	.344	.402	.481	.558	.612	.658	.706	.768	.813	.843	.890	.918	.950	.966	.980	1400
1600	.003	.025	.043	.072	.108	.138	.173	.196	.217	.278	.328	.408	.470	.521	.564	.617	.684	.734	.773	.828	.868	.911	.938	.960	1600
1800	.003	.020	.034	.058	.087	.111	.140	.159	.176	.228	.271	.341	.398	.445	.486	.537	.605	.657	.699	.761	.806	.864	.906	.932	1800
2000	.002	.016	.028	.047	.071	.091	.115	.131	.146	.190	.227	.299	.339	.382	.420	.458	.534	.586	.628	.695	.744	.811	.858	.897	2000
2500	.001	.010	.018	.030	.046	.055	.075	.086	.098	.127	.153	.198	.238	.288	.298	.337	.393	.438	.478	.544	.598	.674	.730	.796	2500
3000	.001	.007	.012	.021	.032	.042	.053	.061	.068	.090	.109	.142	.171	.197	.220	.251	.296	.335	.399	.427	.475	.551	.609	.675	3000
3500	.001	.005	.009	.018	.024	.031	.039	.045	.051	.067	.082	.107	.129	.149	.167	.192	.228	.261	.286	.339	.381	.450	.508	.571	3500
4000	.001	.004	.007	.012	.018	.024	.030	.035	.038	.052	.063	.083	.101	.117	.131	.151	.181	.208	.231	.273	.310	.371	.421	.482	4000
5000		.003	.005	.008	.012	.015	.018	.022	.025	.034	.041	.054	.069	.077	.086	.100	.121	.139	.156	.186	.213	.260	.299	.349	5000
6000		.002	.003	.005	.008	.011	.014	.018	.018	.023	.026	.032	.049	.054	.061	.071	.088	.099	.112	.134	.154	.190	.220	.260	6000
7000		.001	.002	.004	.006	.008	.010	.012	.013	.017	.021	.028	.034	.040	.045	.053	.064	.074	.083	.101	.119	.144	.188	.200	7000
8000		.001	.002	.003	.005	.006	.008	.008	.010	.013	.019	.022	.028	.031	.035	.041	.048	.057	.065	.078	.090	.112	.132	.157	8000
9000		.001	.001	.002	.004	.005	.006	.007	.008	.010	.013	.017	.021	.024	.028	.032	.039	.048	.051	.062	.072	.088	.105	.127	9000
10000		.001	.001	.002	.003	.004	.005	.006	.006	.009	.010	.014	.017	.020	.022	.026	.032	.037	.042	.051	.059	.074	.087	.104	10000

39P4

39P9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	49.0	41.1	99.0	37.0	35.9	34.7	33.9	33.5	33.2	52.4	31.9	31.2	30.8	30.5	30.3	30.0	29.7	26.5	29.5	29.0	28.8	25.9	28.4	28.2	Adj VN
psi	8459	2030	1374	957	733	926	545	505	475	412	376	334	309	292	290	267	251	241	233	222	215	205	199	192	psi
HOB	55	148	197	266	340	397	458	498	534	934	716	847	955	1044	1124	1229	1375	1504	1919	1807	1999	2230	2461	2741	HOB
WR	78	279	404	580	799	919	1077	1181	1274	1534	1746	2085	2359	2592	2797	3087	3447	3770	4053	4557	4847	5628	9180	9895	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.099	.704	.901	.981	.996	.999																			200
400	.026	.280	.488	.729	.881	.940	.972	.983	.999	.999	.999	.999													400
600	.012	.139	.264	.460	.649	.761	.850	.880	.919	.984	.982	.993	.997	.998	.999	.999									600
800	.007	.060	.160	.299	.456	.571	.681	.740	.789	.880	.927	.997	.983	.990	.984	.999	.998	.999	.999						800
1000	.004	.052	.106	.204	.327	.426	.530	.592	.644	.764	.836	.912	.848	.966	.977	.989	.993	.996	.997	.996	.996				1000
1200	.003	.037	.075	.148	.243	.324	.419	.471	.521	.646	.731	.834	.890	.923	.945	.964	.980	.988	.992	.999	.998	.999	.999		1200
1400	.002	.027	.056	.111	.199	.252	.328	.378	.422	.542	.929	.746	.817	.864	.996	.925	.957	.972	.981	.990	.994	.997	.998	.999	1400
1600	.002	.021	.043	.086	.146	.200	.264	.307	.346	.455	.539	.959	.739	.796	.837	.879	.923	.847	.992	.979	.987	.394	.997	.998	1600
1800	.001	.019	.034	.069	.115	.192	.219	.253	.287	.384	.462	.579	.663	.724	.771	.823	.879	.913	.989	.961	.975	.988	.993	.996	1800
2000	.001	.013	.028	.056	.097	.134	.179	.211	.240	.326	.398	.509	.592	.955	.706	.763	.829	.872	.902	.938	.955	.978	.987	.993	2000
2500	.001	.009	.015	.036	.063	.088	.120	.142	.163	[illegible]	.280	.371	.445	.505	.556	.918	.996	.753	.798	.855	.592	.936	.958	.975	2500
3000		.006	.012	.026	.044	.062	.085	.101	.119	.164	.206	.278	.599	.992	.437	.499	.574	.634	.983	.755	.806	.870	.805	.941	3000
3500		.004	.009	.019	.033	.046	.063	.075	.087	.123	.156	.214	.265	.309	.348	.400	.472	.580	[illegible]	.955	.713	.791	.842	.881	3500
4000		.003	.007	.014	.025	.089	.049	.059	.068	.096	.122	.199	.211	.249	.281	.326	.380	.444	[illegible]	.565	.924	.710	.769	.829	4000
5000		.002	.003	.009	.019	.023	.032	.089	.044	.063	.080	.115	.141	.198	.192	.225	.273	.317	[illegible]	.421	.475	.560	.924	.997	5000
6000		.001	.003	.006	.011	.018	.022	.026	.031	.044	.057	.080	.101	.120	.159	.163	.201	.235	.265	.319	.365	.441	.502	.574	6000
7000		.001	.002	.005	.009	.012	.019	.019	.023	.033	.042	.059	.075	.090	.104	.123	.153	.180	.204	.249	.288	.551	.405	.472	7000
8000		.001	.002	.004	.006	.006	.012	.015	.017	.025	.032	.046	.059	.070	.081	.096	.120	.141	.191	.197	.229	.284	.331	.580	8000
9000		.001	.001	.003	.005	.007	.010	.012	.014	.020	.026	.036	.046	.056	.064	.077	.096	.115	.130	.159	.186	.233	.273	.526	9000
10000		.001	.001	.002	.004	.006	.008	.010	.011	.019	.021	.030	.038	.045	.053	.063	.079	.093	.107	.132	.154	.194	.229	.275	10000

40P0

KT	1	10	20	[illegible]	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	40.0	40.0	40.0	[illegible]	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	Adj VN
psi	1848	1849	1849	[illegible]	1848	1845	1848	1848	1848	1848	1845	1848	1848	1848	1848	1845	1849	[illegible]	1848	1845	1848	1848	1848	1845	psi
HOB	70	151	190	[illegible]	[illegible]	329	364	389	410	470	517	592	951	702	746	803	[illegible]	952	1012	1114	1200	1342	1460	1606	HOB
WR	140	301	379	477	[illegible]	645	724	773	819	934	1028	1177	1295	1395	1483	1597	1759	1894	2012	2215	2386	2689	2902	3194	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.280	.751	.874	.950	.980	.990	.995	.997	.999	.999	.999														200
400	.080	.319	.447	.599	.723	.795	.854	[illegible]	.904	.845	.965	.983	.990	.993	.996	.997	.998	.999	.999						400
600	.037	.158	.237	.345	.454	.532	.607	.651	.987	.773	.826	.899	.923	.944	.959	.971	.982	.988	.992	.995	.997	.998	.998		600
800	.021	.093	.142	.215	.294	.355	.419	.459	.494	.585	.950	.738	.795	.835	.905	.898	.929	.948	.991	.976	.984	.992	.995	.997	800
1000	.013	.060	.094	.144	.202	.247	.268	.300	.559	.458	.409	.590	.955	.704	.745	.786	.839	.874	.899	.931	.950	.971	.981	.989	1000
1200	.009	.042	.066	.103	.145	.180	.219	.245	.268	.534	.387	.499	.532	.582	.923	.973	.735	.781	.815	.863	.894	.932	.953	.971	1200
1400	.007	.031	.049	.077	.109	.136	.167	.188	.209	.260	.304	.176	.432	.479	.519	.569	.934	.984	.723	.782	.823	.877	.910	.939	1400
1600	.005	.024	.038	.059	.085	.106	.131	.149	.163	.207	.244	.805	.555	.397	.433	.480	.544	.594	.935	.699	.746	.812	.865	.898	1600
1800	.004	.019	.030	.047	.068	.085	.105	.119	.131	.199	.189	.251	.295	.332	.384	.407	.466	.515	.555	.920	.970	.743	.793	.844	1800
2000	.003	.019	.024	.039	.055	.070	.089	.099	.109	.139	.195	.210	.247	.280	.309	.347	.402	.447	.485	.549	.599	.975	.729	.789	2000
2500	.002	.010	.019	.925	.036	.045	.058	.064	.071	.092	.110	.141	.197	.191	.213	.242	.284	.320	.352	.406	.452	.524	.581	.646	2500
3000	.001	.007	.011	.017	.925	.032	.039	.045	.050	.365	.078	.100	.120	[illegible]	.154	.179	.205	.237	.262	.307	.345	.409	.480	.523	3000
3500	.001	.005	.005	.013	.019	.023	.029	.033	.037	.049	.058	.075	.090	.103	.119	.133	.158	.181	.201	.255	.269	.523	.369	.424	3500
4000	.001	.004	.006	.010	.014	.019	.022	.025	.025	.037	.045	.058	.070	.080	.090	.104	.124	.142	.159	.189	.215	.280	.299	.347	4000
5000	.001	.003	.004	.006	.009	.012	.014	.019	.015	.024	.029	.038	.045	.052	.059	.068	.082	.094	.105	.126	[illegible]	.177	.205	.242	5000
6000		.002	.003	.004	.006	.009	.010	.011	.013	.017	.020	.029	.032	.037	.041	.048	.057	.066	.075	.089	.103	.127	.148	.176	6000
7000		.001	.002	.003	.005	.006	.007	.005	.009	.012	.015	.019	.023	.027	.031	.055	.043	.049	.055	.067	.077	.095	.111	.133	7000
8000		.001	.002	.002	.004	.005	.006	.006	.007	.006	.011	.015	.018	.021	.023	.027	.033	.038	.043	.052	.059	.074	.087	.104	8000
9000		[illegible]	.001	.002	.003	.004	.004	.005	.006	.007	.009	.012	.014	.019	.019	.022	.026	.080	.034	.041	.047	.059	.086	.083	9000
10000		[illegible]	.001	.002	.002	.005	.004	.004	.006	.006	.007	.010	.012	.013	.015	.015	.021	.024	.028	.033	.038	.048	.066	.068	10000

39P9

40P0

40P4

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	44.4	40.7	40.0	39.4	39.1	38.9	39.7	38.6	39.5	38.3	39.2	38.1	38.0	39.0	37.9	37.9	37.8	37.9	37.7	37.7	37.6	37.6	37.9	37.5	Adj VN
psi	3652	1874	1648	1486	1388	1336	1295	1273	1256	1219	1196	1199	1150	1139	1129	1119	1106	1097	1090	1080	1074	1064	1059	1052	psi
HOB	62	148	190	245	299	339	381	408	432	497	546	631	997	752	801	864	956	1029	1094	1206	1301	1456	1587	1749	HOB
WR	105	287	379	465	612	669	790	849	899	1041	1153	1331	1473	1566	1696	1835	2029	2161	2333	2577	2782	3122	3402	3752	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.171	.722	.874	.958	.986	.984	.987	.996	.999	.999															200
400	.046	.293	.447	.624	.782	.836	.892	.917	.935	.967	.981	.991	.995	.997	.999	.999	.999								400
600	.021	.145	.237	.366	.494	.582	.668	.712	.750	.833	.881	.932	.958	.970	.979	.986	.992	.995	.997	.998	.998	.998			600
800	.012	.095	.142	.229	.325	.397	.473	.516	.559	.656	.725	.811	.862	.895	.919	.941	.953	.975	.982	.990	.993	.997	.998	.999	800
1000	.006	.055	.094	.154	.224	.280	.342	.381	.415	.507	.576	.673	.736	.799	.821	.890	.902	.926	.945	.965	.977	.989	.992	.999	1000
1200	.005	.039	.066	.110	.163	.206	.254	.288	.314	.394	.456	.550	.616	.671	.713	.782	.816	.856	.885	.922	.943	.967	.976	.996	1200
1400	.004	.029	.046	.083	.123	.156	.195	.221	.244	.310	.364	.450	.515	.567	.610	.663	.729	.776	.811	.861	.894	.930	.944	.972	1400
1600	.003	.022	.036	.064	.096	.122	.154	.174	.194	.249	.295	.370	.430	.476	.520	.573	.640	.692	.733	.792	.834	.887	.916	.946	1600
1800	.002	.017	.030	.051	.078	.098	.124	.141	.157	.203	.243	.306	.391	.406	.444	.494	.561	.616	.655	.721	.766	.832	.873	.912	1800
2000	.002	.014	.024	.041	.062	.080	.102	.116	.129	.169	.202	.259	.306	.346	.382	.427	.491	.542	.584	.651	.702	.774	.822	.870	2000
2500	.001	.009	.016	.027	.041	.052	.067	.076	.085	.112	.136	.176	.210	.241	.269	.304	.356	.400	.466	.501	.552	.630	.688	.750	2500
3000	.001	.006	.011	.019	.026	.037	.047	.054	.060	.080	.097	.126	.162	.175	.199	.224	.266	.302	.364	.408	.434	.507	.565	.631	3000
3500	.001	.005	.008	.014	.021	.027	.035	.040	.045	.059	.072	.095	.115	.132	.149	.171	.204	.233	.260	.306	.346	.410	.463	.527	3500
4000		.004	.006	.011	.016	.021	.027	.031	.034	.046	.056	.073	.089	.106	.116	.134	.161	.185	.207	.246	.279	.336	.382	.441	4000
5000		.002	.004	.007	.010	.013	.017	.020	.022	.030	.036	.046	.056	.069	.078	.089	.107	.123	.139	.166	.190	.232	.269	.315	5000
6000		.002	.003	.005	.007	.009	.012	.014	.015	.021	.025	.033	.041	.046	.054	.062	.076	.096	.106	.119	.137	.169	.187	.233	6000
7000		.001	.002	.003	.006	.007	.009	.010	.011	.015	.018	.025	.030	.035	.040	.048	.058	.065	.074	.088	.103	.127	.149	.176	7000
8000		.001	.002	.003	.004	.005	.007	.009	.009	.012	.014	.018	.026	.027	.031	.036	.043	.050	.057	.069	.080	.099	.117	.140	8000
9000		.001	.001	.002	.003	.004	.005	.006	.007	.009	.011	.015	.016	.021	.024	.029	.034	.040	.045	.055	.064	.079	.094	.112	9000
10000		.001	.001	.002	.003	.003	.004	.005	.006	.007	.008	.012	.015	.017	.020	.026	.029	.033	.037	.045	.052	.065	.077	.092	10000

40P4

40P8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	46.9	41.8	40.0	39.4	37.3	36.7	36.1	35.8	35.6	35.1	34.7	34.3	34.0	33.9	33.7	33.5	33.3	33.1	33.0	32.8	32.7	32.6	32.5	32.3	Adj VN
psi	8411	2265	1646	1237	1010	900	915	772	740	671	630	582	553	533	519	502	484	471	461	447	439	425	419	407	psi
HOB	55	143	190	253	317	366	419	452	481	563	629	733	817	997	950	1031	1146	1242	1327	1472	1565	1798	1986	2176	HOB
WR	79	267	376	529	685	804	932	1014	1087	1289	1451	1706	1915	2090	2243	2444	2727	2966	3176	3534	3639	4339	4751	5266	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.096	.676	.974	.970	.993	.997	.999	.999																	200
400	.026	.261	.447	.666	.826	.899	.945	.963	.974	.990	.995	.996	.998	.999											400
600	.012	.127	.237	.403	.570	.679	.772	.819	.854	.922	.953	.979	.989	.993	.999	.997	.996	.996							600
800	.007	.074	.142	.256	.387	.465	.583	.640	.687	.792	.954	.920	.951	.969	.976	.989	.993	.996	.997	.998	.999				800
1000	.004	.048	.094	.174	.272	.351	.437	.490	.536	.651	.729	.825	.879	.913	.935	.955	.974	.983	.989	.994	.996	.998	.999	.999	1000
1200	.003	.034	.066	.125	.199	.282	.333	.379	.420	.529	.609	.717	.787	.835	.869	.903	.936	.959	.970	.993	.989	.995	.987	.999	1200
1400	.002	.025	.049	.093	.151	.201	.259	.299	.333	.429	.505	.615	.691	.747	.789	.839	.889	.917	.939	.962	.975	.987	.992	.996	1400
1600	.002	.019	.036	.073	.119	.159	.206	.236	.268	.352	.420	.524	.601	.660	.707	.761	.823	.865	.894	.930	.951	.973	.993	.991	1600
1800	.001	.015	.030	.058	.095	.129	.167	.194	.219	.292	.352	.449	.522	.581	.629	.686	.756	.805	.841	.889	.919	.952	.966	.982	1800
2000	.001	.012	.024	.047	.079	.105	.138	.161	.182	.245	.298	.385	.454	.510	.557	.619	.689	.743	.784	.842	.880	.925	.949	.966	2000
2500	.001	.008	.016	.030	.051	.069	.091	.107	.122	.166	.205	.271	.326	.373	.414	.467	.539	.599	.642	.713	.764	.833	.876	.915	2500
3000		.005	.011	.021	.035	.049	.064	.078	.086	.119	.148	.199	.241	.279	.313	.356	.422	.474	.516	.591	.646	.727	.783	.839	3000
3500		.004	.009	.016	.028	.038	.048	.058	.064	.089	.111	.150	.195	.215	.243	.280	.364	.380	.421	.498	.542	.625	.689	.752	3500
4000		.003	.006	.012	.020	.026	.037	.043	.050	.066	.087	.118	.145	.170	.193	.224	.270	.309	.344	.405	.455	.535	.596	.666	4000
5000		.002	.004	.008	.013	.019	.024	.029	.032	.045	.056	.077	.096	.113	.129	.151	.184	.213	.239	.288	.326	.394	.449	.516	5000
6000		.001	.003	.005	.009	.012	.017	.020	.022	.031	.040	.054	.069	.080	.082	.108	.132	.154	.174	.210	.242	.297	.343	.401	6000
7000		.001	.002	.004	.007	.009	.012	.014	.017	.023	.029	.040	.050	.060	.068	.091	.099	.116	.132	.160	.195	.229	.268	.317	7000
8000		.001	.002	.003	.005	.007	.009	.011	.013	.019	.022	.031	.036	.046	.053	.062	.077	.090	.103	.125	.149	.182	.213	.254	8000
9000		.001	.001	.002	.004	.006	.007	.009	.010	.014	.019	.025	.031	.037	.042	.050	.061	.072	.082	.101	.117	.147	.173	.208	9000
10000			.001	.002	.003	.004	.006	.007	.009	.011	.014	.020	.025	.030	.034	.040	.050	.056	.067	.082	.096	.121	.143	.173	10000

40P8

41P4

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	45.4	41.7	41.0	40.4	40.1	39.8	39.7	39.6	39.5	39.3	39.2	39.1	39.0	39.0	38.8	38.8	38.8	38.8	38.7	38.7	38.9	38.8	38.8	39.5	Adj VW
psi	4382	2248	1978	1783	1665	1604	1554	1528	1508	1463	1435	1401	1380	1366	1354	1342	1327	1318	1308	1297	1286	1277	1270	1262	psi
HOB	60	143	194	237	289	327	368	394	417	480	530	610	673	726	773	834	920	993	1056	1164	1256	1407	1532	1688	HOB
WR	98	269	355	464	573	654	740	794	842	975	1080	1247	1380	1493	1591	1719	1900	2053	2186	2414	2606	2924	3187	3515	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.152	.680	.844	.943	.980	.990	.995	.997	.998	.999															200
400	.041	.263	.407	.580	.721	.801	.864	.894	.915	.955	.973	.987	.993	.986	.997	.989	.999	.999							400
600	.019	.128	.212	.330	.452	.538	.622	.668	.708	.797	.851	.911	.941	.959	.970	.980	.989	.993	.995	.997	.999	.999			600
800	.010	.075	.126	.205	.292	.360	.432	.477	.515	.614	.683	.773	.830	.869	.894	.922	.949	.965	.974	.985	.990	.995	.997	.998	800
1000	.007	.048	.083	.137	.200	.251	.306	.345	.377	.465	.532	.629	.697	.747	.785	.828	.876	.906	.927	.953	.967	.982	.989	.994	1000
1200	.005	.034	.058	.098	.144	.183	.220	.257	.283	.357	.419	.507	.574	.628	.670	.721	.783	.825	.857	.899	.925	.955	.970	.982	1200
1400	.003	.025	.043	.073	.109	.139	.174	.187	.218	.279	.329	.410	.472	.523	.566	.619	.686	.736	.774	.829	.867	.912	.939	.961	1400
1600	.003	.018	.033	.056	.084	.108	.136	.155	.172	.223	.265	.335	.391	.438	.479	.528	.596	.649	.690	.754	.799	.858	.896	.929	1600
1800	.002	.015	.027	.045	.067	.087	.110	.125	.139	.181	.217	.277	.326	.368	.405	.452	.517	.568	.611	.678	.720	.797	.843	.887	1800
2000	.002	.012	.022	.036	.055	.071	.090	.103	.115	.150	.180	.232	.275	.312	.345	.389	.448	.498	.540	.607	.659	.734	.786	.839	2000
2500	.001	.008	.014	.024	.036	.046	.058	.067	.075	.099	.120	.156	.188	.215	.240	.273	.322	.363	.399	.458	.509	.586	.644	.709	2500
3000	.001	.006	.010	.019	.025	.032	.041	.047	.053	.070	.085	.112	.135	.158	.175	.200	.238	.271	.301	.352	.395	.465	.521	.587	3000
3500	.001	.004	.007	.012	.018	.024	.030	.035	.039	.052	.064	.084	.101	.117	.132	.152	.182	.209	.233	.275	.311	.372	.423	.464	3500
4000		.003	.005	.009	.014	.018	.023	.027	.030	.040	.049	.065	.079	.091	.103	.118	.143	.165	.184	.219	.250	.302	.346	.401	4000
5000		.002	.003	.006	.008	.012	.015	.017	.019	.029	.032	.042	.051	.060	.067	.078	.095	.106	.123	.147	.168	.208	.241	.284	5000
6000		.001	.002	.004	.006	.008	.010	.012	.014	.019	.022	.029	.038	.042	.047	.055	.067	.077	.087	.108	.121	.150	.175	.208	6000
7000		.001	.002	.003	.005	.006	.008	.009	.010	.013	.016	.022	.027	.031	.035	.041	.050	.058	.068	.079	.091	.113	.132	.159	7000
8000		.001	.001	.002	.004	.005	.006	.007	.009	.010	.013	.017	.020	.024	.027	.031	.038	.044	.050	.061	.071	.088	.103	.124	8000
9000		.001	.001	.002	.003	.004	.005	.005	.006	.008	.010	.013	.016	.018	.021	.025	.030	.035	.040	.049	.059	.070	.088	.100	9000
10000		.001	.001	.001	.002	.003	.004	.004	.005	.007	.008	.011	.013	.015	.017	.020	.025	.029	.032	.039	.046	.057	.068	.082	10000

41P4

42P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	Adj VW
psi	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374	psi
HOB	66	142	179	225	272	306	342	365	385	441	486	556	612	658	700	754	830	894	950	1046	1127	1261	1371	1506	HOB
WR	122	264	332	419	505	568	636	678	718	820	902	1033	1137	1224	1301	1402	1543	1662	1766	1944	2094	2342	2547	2803	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.225	[illegible]	.810	.913	.962	.979	.989	.992	.994	.996	.999	.999													200
400	.063	[illegible]	.369	.511	.637	.719	.785	.821	.848	.906	.936	.966	.978	.986	.990	.994	.999	.999	.999	.998	.999				400
600	.028	.124	.186	.280	.376	.447	.518	.563	.599	.690	.752	.829	.874	.904	.925	.945	.965	.979	.983	.990	.994	.997	.996	.999	600
800	.019	.072	.112	.171	.236	.288	.345	.381	.412	.487	.561	.653	.718	.762	.798	.839	.882	.910	.930	.954	.969	.982	.989	.994	800
1000	.010	.047	.073	.113	.150	.187	.240	.287	.292	.362	.417	.502	.566	.617	.658	.707	.767	.810	.842	.886	.913	.946	.963	.977	1000
1200	.007	.033	.052	.080	.114	.142	.174	.186	.215	.270	.318	.386	.447	.485	.535	.585	.650	.689	.739	.786	.836	.887	.918	.945	1200
1400	.005	.024	.038	.060	.086	.107	.132	.146	.164	.208	.245	.307	.356	.386	.435	.482	.545	.596	.637	.701	.748	.814	.858	.897	1400
1600	.004	.019	.029	.046	.066	.083	.103	.116	.128	.164	.195	.246	.288	.325	.357	.400	.458	.506	.547	.612	.662	.735	.786	.838	1600
1800	.003	.015	.023	.037	.053	.066	.082	.093	.103	.132	.158	.201	.237	.268	.297	.334	.387	.431	.469	.532	.582	.658	.713	.773	1800
2000	.003	.012	.018	.030	.043	.054	.067	.078	.084	.108	.130	.166	.197	.225	.249	.282	.329	.369	.404	.463	.511	.587	.643	.707	2000
2500	.002	.008	.012	.018	.028	.035	.044	.050	.055	.071	.086	.111	.132	.151	.168	.193	.228	.258	.286	.333	.374	.440	.494	.557	2500
3000	.001	.005	.008	.013	.019	.025	.031	.035	.039	.050	.060	.078	.094	.108	.121	.139	.165	.188	.210	.247	.280	.335	.381	.439	3000
3500	.001	.004	.006	.010	.014	.018	.023	.026	.029	.037	.045	.059	.070	.081	.091	.104	.125	.143	.150	.180	.218	.261	.300	.349	3500
4000	.001	.003	.005	.008	.011	.014	.017	.020	.022	.029	.035	.045	.054	.063	.070	.081	.097	.112	.125	.148	.171	.206	.240	.282	4000
5000		.002	.003	.005	.007	.009	.011	.013	.014	.018	.022	.029	.035	.041	.046	.053	.064	.073	.082	.089	.113	.140	.162	.183	5000
6000		.001	.002	.003	.005	.006	.008	.009	.010	.013	.019	.020	.025	.028	.032	.037	.045	.052	.058	.070	.080	.086	.118	.139	5000
7000		.001	.002	.002	.004	.005	.006	.006	.007	.009	.011	.015	.018	.021	.024	.027	.033	.038	.043	.052	.060	.074	.087	.104	7000
8000		.001	.001	.002	.003	.003	.004	.005	.006	.007	.009	.011	.014	.016	.018	.021	.025	.029	.033	.040	.046	.057	.067	.081	8000
9000		.001	.001	.001	.002	.003	.003	.004	.004	.006	.007	.009	.011	.013	.014	.017	.020	.023	.026	.032	.037	.046	.054	.065	9000
10000			.001	.001	.002	.002	.003	.003	.004	.005	.006	.007	.009	.010	.012	.014	.016	.018	.021	.026	.030	.037	.044	.053	10000

42P0

43P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	Adj VN
psi	2848	2849	2849	2846	2849	2849	2849	2849	2846	2849	2846	2846	2848	2848	2848	2848	2848	2849	2849	2848	2848	2848	2848	2849	psi
HOB	64	138	174	219	264	297	332	354	374	426	471	540	594	640	680	732	806	868	623	1018	1094	1224	1331	1465	HOB
WR	115	247	311	392	473	532	596	635	671	766	845	967	1065	1147	1216	1310	1445	1557	1654	1821	1961	2194	2386	2626	WR
CEP	PD	PD	PD	PD	PO	PD	PD	PD	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.201	.623	.773	.889	.948	.971	.984	.689	.692	.996	.966	.699													200
400	.055	.228	.334	.469	.593	.673	.746	.784	.815	.680	.616	.953	.671	.980	.986	.991	.995	.997	.998	.999	.996				400
600	.025	.110	.168	.251	.340	.407	.477	.519	.555	.647	.710	.793	.844	.878	.903	.927	.652	.967	.975	.985	.990	.995	.997	.996	600
800	.014	.064	.099	.152	.211	.259	.311	.345	.374	.455	.517	.606	.673	.722	.760	.803	.853	.886	.909	.639	.956	.975	.684	.991	800
1000	.009	.041	.065	.100	.142	.176	.214	.239	.262	.327	.379	.463	.523	.573	.614	.664	.727	.773	.807	.856	.889	.926	.650	.986	1000
1200	.006	.029	.045	.071	.101	.126	.155	.174	.182	.242	.284	.353	.407	.453	.462	.541	.606	.656	.696	.757	.801	.856	.894	.927	1200
1400	.005	.021	.034	.053	.076	.095	.117	.132	.145	.165	.216	.276	.322	.361	.396	.441	.502	.552	.593	.656	.707	.777	.823	.870	1400
1600	.004	.016	.026	.041	.058	.073	.091	.103	.114	.146	.173	.220	.259	.293	.323	.362	.416	.464	.503	.567	.616	.663	.746	.803	1600
1800	.003	.013	.020	.032	.047	.056	.073	.082	.091	.117	.140	.179	.212	.241	.267	.301	.350	.392	.426	.489	.536	.614	.670	.733	1800
2000	.002	.011	.017	.026	.038	.046	.059	.067	.075	.096	.115	.148	.176	.201	.223	.253	.297	.334	.367	.423	.469	.543	.599	.684	2000
2500	.001	.007	.011	.017	.024	.031	.036	.044	.046	.063	.076	.096	.117	.134	.150	.172	.203	.231	.256	.300	.336	.401	.452	.514	2500
3000	.001	.005	.007	.012	.017	.022	.027	.031	.034	.044	.053	.069	.083	.096	.107	.123	.147	.168	.187	.221	.251	.302	.345	.399	3000
3500	.001	.003	.005	.009	.013	.016	.020	.023	.025	.033	.036	.051	.062	.071	.080	.092	.110	.127	.142	.169	.193	.234	.269	.315	3500
4000	.001	.003	.004	.007	.010	.012	.015	.017	.018	.025	.030	.040	.046	.055	.062	.072	.086	.099	.111	.132	.152	.186	.215	.253	4000
5000		.002	.003	.004	.006	.008	.010	.011	.012	.016	.020	.026	.031	.036	.040	.047	.056	.065	.073	.087	.100	.124	.144	.172	5000
6000		.001	.002	.003	.004	.005	.007	.008	.009	.011	.014	.016	.022	.025	.028	.033	.036	.045	.051	.062	.071	.088	.103	.123	6000
7000		.001	.001	.002	.003	.004	.005	.006	.006	.008	.010	.013	.016	.018	.021	.024	.028	.034	.036	.046	.053	.065	.077	.092	7000
8000		.001	.001	.002	.002	.003	.004	.004	.005	.006	.008	.010	.012	.014	.016	.018	.022	.028	.029	.035	.041	.051	.080	.072	8000
9000		.001	.001	.001	.002	.002	.003	.003	.004	.005	.006	.008	.010	.011	.013	.015	.018	.020	.023	.028	.032	.040	.047	.057	9000
10000			.001	.001	.002	.002	.002	.003	.003	.004	.005	.006	.008	.009	.010	.012	.014	.017	.018	.023	.028	.033	.039	.047	10000

43P0

45P8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	51.9	46.6	45.0	43.4	42.3	41.7	41.1	40.8	40.6	40.1	39.7	36.3	36.0	36.8	38.7	38.5	38.3	38.1	36.0	37.6	37.7	37.6	37.5	37.3	Adj VN
psi	20930	5685	4102	3078	2514	2239	2027	1922	1842	1670	1566	1448	1377	1326	1291	1250	1204	1171	1147	1113	1089	1057	1036	1014	psi
HOB	49	124	164	216	269	309	351	378	402	469	522	606	673	730	780	846	937	1015	1083	1199	1266	1460	1594	1762	HOB
WR	56	193	273	382	494	560	673	732	784	930	1047	1233	1381	1506	1616	1763	1967	2140	2261	2549	2766	3130	3426	3801	WR
CEP	PD	PO	PO	PD	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.053	.459	.690	.877	.958	.981	.992	.995	.997	.996	.999														200
400	.014	.147	.270	.451	.623	.729	.816	.656	.889	.944	.968	.687	.993	.996	.997	.998	.999								400
600	.006	.069	.132	.240	.365	.460	.557	.614	.661	.770	.835	.907	.942	.981	.972	.983	.991	.694	.986	.998	.999	.699			600
800	.003	.039	.077	.144	.228	.298	.376	.425	.469	.581	.662	.766	.830	.672	.901	.630	.957	.671	.680	.999	.993	.997	.998	.699	800
1000	.002	.025	.050	.065	.154	.205	.264	.303	.338	.435	.511	.621	.698	.753	.795	.841	.890	.620	.640	.984	.976	.966	.993	.986	1000
1200	.002	.018	.035	.067	.110	.148	.193	.223	.251	.331	.397	.499	.575	.634	.692	.737	.802	.847	.876	.616	.942	.667	.680	.699	1200
1400	.001	.013	.026	.050	.082	.111	.146	.170	.192	.256	.313	.403	.473	.530	.576	.836	.709	.762	.801	.857	.892	.934	.656	.973	1400
1600	.001	.010	.020	.039	.064	.087	.114	.133	.152	.205	.252	.329	.391	.444	.489	.546	.620	.676	.721	.786	.831	.688	.621	.649	1600
1800	.001	.006	.016	.031	.051	.069	.092	.107	.122	.167	.205	.272	.327	.374	.415	.468	.540	.567	.643	.714	.765	.884	.677	.916	1800
2000	.001	.006	.013	.025	.041	.056	.075	.088	.100	.138	.171	.227	.275	.317	.355	.403	.471	.526	.572	.644	.699	.776	.826	.876	2000
2500		.004	.006	.016	.027	.037	.049	.057	.066	.091	.113	.153	.189	.219	.247	.265	.340	.386	.427	.494	.549	.632	.693	.758	2500
3000		.003	.006	.011	.019	.026	.034	.040	.046	.064	.080	.109	.135	.159	.180	.209	.253	.290	.324	.382	.431	.509	.570	.640	3000
3500		.002	.004	.008	.014	.019	.025	.030	.034	.048	.060	.082	.102	.120	.136	.156	.194	.224	.252	.300	.342	.412	.466	.586	3500
4000		.002	.003	.006	.011	.014	.019	.023	.026	.037	.046	.063	.076	.093	.106	.125	.153	.177	.200	.241	.276	.337	.387	.449	4000
5000		.001	.002	.004	.007	.009	.012	.015	.017	.024	.030	.041	.051	.061	.070	.082	.101	.116	.134	.163	.188	.233	.272	.322	5000
6000		.001	.001	.003	.005	.006	.009	.010	.012	.016	.021	.029	.033	.043	.046	.058	.071	.084	.095	.117	.136	.170	.199	.236	6000
7000		.001	.001	.002	.003	.005	.006	.008	.009	.012	.015	.021	.027	.032	.036	.043	.053	.062	.071	.087	.152	.128	.151	.162	7000
8000			.001	.002	.003	.004	.005	.006	.007	.009	.012	.016	.027	.024	.026	.033	.041	.046	.055	.068	.079	.100	.116	.143	8000
9000			.001	.001	.002	.003	.004	.005	.005	.007	.009	.013	.016	.019	.022	.026	.032	.036	.044	.054	.063	.080	.095	.115	9000
10000			.001	.001	.002	.002	.003	.004	.004	.006	.008	.010	.013	.016	.016	.021	.026	.031	.036	.044	.052	.065	.076	.095	10000

45P8

46P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	Adj VN
psi	4922	4922	4922	4922	4922	4922	4922	4922	4922	4922	4622	4922	4922	4922	4622	4922	4922	4922	4922	4622	4822	4922	4922	4622	psi
HOB	56	127	160	201	245	273	306	326	344	594	434	497	547	580	626	674	742	799	846	635	1007	1127	1225	1546	HOB
WR	94	203	256	323	389	438	490	522	551	631	665	765	875	943	1002	1079	1166	1280	1360	1497	1615	1804	1662	2156	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.141	.482	.647	.795	.885	.827	.856	.888	.875	.968	.993	.897	.998	.999	.999										200
400	.036	.162	.242	.553	.463	.541	.617	.860	.896	.781	.833	.994	.927	.947	.960	.973	.884	.889	.882	.996	.997	.999	.999		400
600	.017	.076	.117	.179	.247	.301	.559	.396	.426	.515	.576	.670	.733	.776	.813	.951	.893	.816	.957	.860	.872	.985	.990	.995	600
800	.010	.044	.066	.106	.149	.185	.225	.251	.275	.341	.395	.479	.541	.591	.632	.882	.744	.789	.822	.866	.900	.836	.856	.973	800
1000	.006	.026	.044	.068	.099	.123	.151	.170	.187	.237	.279	.545	.599	.444	.483	.532	.596	.647	.997	.749	.763	.862	.980	.823	1000
1200	.004	.020	.031	.046	.070	.087	.108	.122	.135	.172	.204	.257	.301	.336	.372	.415	.475	.524	.564	.630	.679	.751	.801	.851	1200
1400	.003	.014	.025	.036	.052	.065	.081	.091	.101	.130	.155	.167	.235	.264	.292	.329	.581	.425	.463	.525	.575	.651	.707	.767	1400
1600	.002	.011	.018	.029	.040	.050	.063	.071	.079	.101	.121	.135	.185	.210	.254	.265	.310	.546	.582	.436	.487	.561	.619	.982	1600
1800	.002	.008	.014	.022	.032	.040	.050	.058	.065	.081	.097	.125	.149	.171	.190	.217	.255	.289	.516	.370	.415	.483	.559	.603	1800
2000	.002	.007	.011	.019	.026	.033	.041	.046	.051	.066	.080	.103	.123	[illegible]	.158	.180	.213	.242	.266	.514	.353	.417	.466	.532	2000
2500	.001	.005	.007	.011	.017	.021	.026	.030	.033	.045	.052	.067	.081	.093	.105	.120	.143	.164	.189	.216	.246	.296	.339	.391	2500
3000	.001	.003	.005	.008	.012	.015	.019	.021	.025	.030	.036	.047	.057	.066	.074	.086	.102	.117	.131	.157	.179	.219	.251	.265	3000
5500	.001	.002	.004	.006	.009	.011	.015	.015	.017	.022	.027	.035	.042	.049	.055	.065	.079	.088	.099	.119	.155	.166	.193	.229	3500
4000		.002	.005	.006	.007	.009	.010	.012	.015	.017	.021	.027	.033	.058	.042	.049	.056	.069	.077	.082	.106	.130	.152	.180	4000
5000		.001	.002	.003	.004	.005	.007	.008	.008	.011	.013	.017	.021	.024	.027	.052	.039	.044	.050	.060	.066	.086	.100	.120	5000
6000		.001	.001	.002	.003	.004	.005	.005	.006	.009	.008	.012	.015	.017	.019	.022	.027	.031	.035	.042	.048	.060	.071	.095	6000
7000		.001	.001	.001	.002	.003	.003	.004	.004	.006	.007	.009	.011	.012	.014	.016	.020	.025	.026	.031	.038	.045	.055	.065	7000
8000			.001	.001	.002	.002	.003	.003	.005	.004	.005	.007	.009	.010	.011	.013	.015	.018	.020	.024	.026	.055	.041	.046	8000
9000			.001	.001	.001	.002	.002	.002	.003	.005	.004	.005	.007	.009	.009	.010	.012	.014	.016	.016	.022	.027	.032	.056	9000
10000				.001	.001	.001	.002	.002	.002	.003	.005	.004	.005	.006	.007	.009	.010	.011	.013	.015	.018	.022	.026	.032	10000

46P0

47P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	8000	12000	KT
Adj VN	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	Adj VN
psi	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	5907	psi
HOB	57	124	156	196	237	266	296	319	556	564	423	484	555	574	610	657	725	776	829	811	882	1098	1194	1514	HOB
WR	88	190	240	302	564	410	456	489	517	591	651	745	920	983	856	1011	1115	1199	1274	1402	1511	1690	1839	2023	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.125	.450	.603	.754	.856	.906	.941	.856	.966	.883	.990	.996	.998	.998	.898	.999									200
400	.033	.144	.217	.316	.422	.498	.572	.616	.655	.741	.799	.887	.906	.850	.848	.962	.877	.884	.889	.994	.896	.899	.999	.999	400
600	.015	.067	.104	.159	.221	.271	.325	.359	.390	.472	.535	.926	.691	.756	.776	.818	.865	.896	.919	.945	.961	.979	.888	.892	600
800	.007	.038	.060	.093	.132	.164	.201	.224	.246	.306	.559	.457	.466	.547	.569	.658	.702	.750	.788	.839	.873	.916	.941	.962	800
1000	.005	.025	.039	.061	.087	.109	.134	.151	.167	.212	.249	.512	.362	.405	.441	.480	.552	.603	.644	.707	754	.816	.961	.901	1000
1200	.004	.017	.027	.043	.062	.077	.096	.106	.119	.153	.182	.230	.271	.506	.537	.377	.454	.481	.521	.585	.636	.710	.793	.816	1200
1400	.003	.013	.020	.032	.046	.057	.071	.081	.089	.115	.156	.176	.209	.257	.262	.298	.345	.588	.422	.489	.551	.607	.984	.727	1400
1600	.002	.010	.015	.024	.035	.044	.055	.062	.068	.090	.107	.158	.184	.198	.209	.257	.279	.314	.348	.400	.445	.517	.577	.636	1600
1800	.002	.008	.012	.019	.029	.035	.044	.050	.055	.072	.086	.111	.155	.152	.170	.183	.229	.259	.287	.554	.375	.441	.463	.556	1800
2000	.001	.008	.010	.016	.023	.029	.036	.041	.045	.059	.070	.091	.109	.125	.140	.160	.190	.217	.241	.282	.318	.378	.429	.489	2000
2500	.001	.004	.008	.010	.015	.019	.023	.026	.029	.038	.046	.059	.071	.082	.092	.108	.127	.148	.165	.193	.220	.266	.305	.355	2500
3000	.001	.005	.004	.007	.010	.015	.016	.018	.020	.027	.032	.042	.050	.058	.065	.075	.090	.104	.119	.189	.159	.194	.225	.265	8000
3500		.002	.003	.005	.007	.009	.012	.013	.015	.020	.024	.031	.037	.045	.049	.056	.067	.078	.087	.104	.120	.147	.172	.203	5500
4000		.002	.002	.004	.006	.007	.009	.010	.011	.015	.018	.024	.029	.055	.037	.045	.052	.060	.068	.081	.093	.115	.135	.160	4000
5000		.001	.002	.003	.004	.005	.006	.007	.007	.010	.012	.015	.019	.021	.024	.029	.034	.039	.044	.053	.061	.076	.089	.106	5000
6000		.001	.001	.002	.003	.003	.004	.005	.005	.007	.008	.011	.013	.015	.017	.018	.024	.027	.051	.057	.045	.053	.063	.075	8000
7000		.001	.001	.001	.002	.002	.005	.005	.004	.005	.006	.008	.008	.011	.012	.014	.017	.020	.025	.027	.032	.089	.046	.056	7000
8000			.001	.001	.001	.002	.002	.003	.003	.004	.005	.006	.007	.009	.009	.011	.015	.015	.017	.021	.024	.030	.036	.043	8000
9000				.001	.001	.001	.002	.002	.002	.003	.004	.005	.006	.007	.009	.009	.011	.012	.014	.017	.018	.024	.028	.034	9000
10000				.001	.001	.001	.001	.002	.002	.002	.005	.004	.005	.005	.006	.007	.009	.010	.011	.014	.016	.020	.023	.029	10000

47P0

49P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5700	7000	9000	12000	KT
Adj VN	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	Adj VN
psi	8506	8506	8506	8506	8506	8506	8506	8506	8506	8506	8506	8506	8506	6306	8506	8306	8506	8506	6506	8506	8506	8506	8506	8506	psi
HOB	33	116	140	167	225	254	284	303	320	366	403	461	507	547	581	626	699	742	788	866	935	1046	1177	1252	HOB
WR	76	167	210	285	320	360	403	429	453	519	371	654	720	775	824	687	977	1052	1116	1231	1326	1482	1613	1775	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.096	.372	.315	.670	.788	.851	.899	.922	.937	.967	.980	.990	.995	.997	.998	.999	.999	.999							200
400	.026	.113	.172	.257	.346	.413	.488	.328	.565	.636	.719	.801	.851	.684	.907	.931	.933	.969	.977	.996	.991	.996	.997	.999	400
600	.011	.052	.081	.125	.176	.217	.262	.292	.319	.392	.450	.338	.603	.653	.894	.741	.798	.838	.867	.906	.930	.958	.972	.983	600
800	.006	.030	.047	.073	.104	.130	.159	.179	.196	.246	.291	.360	.413	.461	.501	.330	.615	.663	.705	.763	.806	.865	.900	.931	800
1000	.004	.019	.030	.047	.068	.063	.103	.119	.131	.166	.199	.231	.295	.332	.365	.407	.466	.313	.353	.620	.670	.743	.793	.844	1000
1200	.003	.013	.021	.033	.048	.060	.073	.084	.094	.120	.144	.183	.217	.246	.273	.306	.338	.400	.437	.496	.547	.623	.679	.741	1200
1400	.002	.010	.016	.025	.036	.043	.033	.063	.070	.090	.106	.139	.163	.189	.210	.238	.280	.318	.348	.402	.447	.319	.375	.640	1400
1600	.002	.006	.012	.019	.027	.034	.043	.049	.054	.070	.084	.106	.130	.148	.166	.189	.224	.254	.281	.326	.366	.434	.487	.550	1600
1800	.001	.006	.009	.013	.022	.027	.034	.039	.043	.036	.067	.087	.104	.120	.134	.133	.182	.207	.230	.271	.306	.365	.413	.472	1800
2000	.001	.005	.006	.012	.016	.022	.026	.031	.035	.043	.055	.071	.083	.096	.110	.126	.131	.172	.192	.227	.237	.309	.353	.407	2000
2500	.001	.003	.003	.008	.011	.014	.018	.020	.022	.029	.035	.046	.056	.064	.072	.083	.100	.114	.126	.133	.173	.213	.246	.286	2500
3000		.002	.003	.003	.006	.010	.012	.014	.016	.020	.025	.032	.039	.043	.031	.059	.070	.081	.091	.109	.125	.154	.179	.212	3000
3500		.002	.003	.004	.006	.007	.009	.010	.012	.013	.018	.024	.026	.033	.038	.043	.052	.060	.068	.082	.094	.118	.135	.161	3500
4000		.001	.002	.003	.004	.006	.007	.006	.009	.012	.014	.018	.022	.026	.029	.033	.040	.047	.053	.063	.073	.090	.106	.126	4000
5000		.001	.001	.002	.003	.004	.004	.003	.006	.007	.009	.012	.014	.017	.019	.022	.026	.030	.034	.041	.047	.039	.069	.063	5000
6000		.001	.001	.001	.002	.002	.003	.004	.004	.003	.006	.006	.010	.011	.013	.013	.018	.021	.024	.026	.033	.041	.049	.059	6000
7000			.001	.001	.001	.002	.002	.003	.003	.004	.003	.006	.007	.008	.010	.011	.013	.016	.016	.021	.025	.031	.036	.043	7000
8000				.001	.001	.001	.002	.002	.002	.003	.004	.003	.006	.006	.007	.008	.010	.012	.013	.018	.019	.023	.026	.033	8000
9000				.001	.001	.001	.001	.002	.002	.002	.003	.004	.004	.005	.006	.007	.006	.009	.011	.013	.013	.019	.022	.027	9000
10000					.001	.001	.001	.001	.001	.002	.002	.003	.004	.004	.003	.005	.007	.008	.009	.010	.012	.015	.016	.022	10000

50P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	30.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	Adj VN
psi	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	10207	psi
HOB	53	115	145	183	220	246	277	298	312	336	393	450	496	534	566	611	673	725	770	848	913	1022	1111	1223	HOB
WR	73	156	197	246	299	337	377	402	425	486	535	613	674	726	772	831	913	986	1047	1153	1242	1369	1511	1663	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.087	.337	.472	.627	.749	.818	.872	.893	.916	.954	.971	.986	.992	.995	.996	.998	.999	.999	.999						200
400	.023	.100	.153	.230	.314	.377	.444	.485	.321	.612	.677	.763	.816	.865	.882	.911	.940	.937	.966	.981	.987	.993	.999	.996	400
600	.010	.046	.072	.111	.156	.193	.233	.262	.287	.335	.410	.495	.339	.609	.650	.700	.760	.804	.836	.880	.909	.943	.961	.876	600
800	.006	.026	.041	.064	.092	.113	.141	.159	.175	.222	.261	.323	.377	.421	.439	.307	.371	.621	.682	.725	.771	.883	.873	.911	800
1000	.004	.017	.027	.042	.060	.075	.093	.105	.116	.149	.177	.225	.263	.299	.329	.370	.426	.472	.512	.376	.627	.701	.754	.810	1000
1200	.003	.012	.019	.029	.042	.053	.066	.073	.083	.107	.127	.183	.193	.220	.244	.277	.323	.363	.396	.456	.504	.579	.636	.700	1200
1400	.002	.009	.014	.022	.031	.039	.049	.055	.062	.080	.096	.123	.147	.166	.187	.213	.251	.284	.314	.364	.407	.477	.531	.596	1400
1600	.001	.007	.010	.017	.024	.030	.038	.043	.047	.062	.074	.096	.115	.132	.147	.166	.200	.227	.232	.295	.332	.394	.443	.507	1600
1800	.001	.005	.006	.013	.019	.024	.030	.034	.036	.049	.059	.077	.092	.106	.113	.136	.162	.165	.206	.243	.275	.330	.375	.432	1800
2000	.001	.004	.007	.011	.015	.019	.024	.026	.031	.040	.046	.063	.073	.087	.097	.112	.134	.153	.171	.202	.230	.276	.318	.370	2000
2500	.001	.003	.004	.007	.010	.013	.016	.018	.020	.026	.031	.041	.049	.057	.064	.073	.088	.101	.114	.136	.153	.190	.220	.259	2500
3000		.002	.003	.005	.007	.009	.011	.012	.014	.018	.022	.026	.034	.040	.043	.032	.062	.072	.081	.097	.111	.137	.139	.186	3000
3500		.001	.002	.003	.003	.006	.006	.009	.010	.013	.016	.021	.023	.029	.033	.038	.046	.053	.060	.072	.083	.103	.120	.143	3500
4000		.001	.002	.003	.004	.003	.006	.007	.006	.010	.012	.016	.019	.023	.023	.029	.036	.041	.046	.056	.064	.080	.093	.112	4000
5000		.001	.001	.002	.002	.003	.004	.004	.003	.007	.006	.010	.013	.013	.016	.019	.023	.027	.030	.036	.042	.052	.061	.073	5000
6000			.001	.001	.002	.002	.003	.003	.003	.003	.005	.007	.009	.010	.011	.013	.016	.019	.021	.023	.029	.036	.043	.032	6000
7000			.001	.001	.001	.002	.002	.002	.003	.003	.004	.005	.006	.007	.008	.010	.012	.014	.015	.019	.022	.027	.032	.036	7000
8000				.001	.001	.001	.002	.002	.002	.003	.003	.004	.003	.006	.006	.007	.009	.010	.012	.014	.017	.021	.024	.029	8000
9000				.001	.001	.001	.001	.001	.002	.002	.002	.003	.004	.003	.005	.006	.007	.006	.009	.011	.013	.016	.019	.023	9000
10000					.001	.001	.001	.001	.001	.002	.002	.003	.003	.004	.004	.003	.006	.007	.008	.009	.011	.013	.018	.019	10000

51P0

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	Adj VN
psi	12246	12248	12249	12248	12246	12248	12248	12248	12248	12249	12248	12249	12248	12249	12249	12249	12248	12249	12249	12249	1224[illegible]	12246	12248	12249	psi
HOB	52	112	142	179	215	242	271	289	305	349	385	440	485	522	555	599	659	709	753	829	893	999	1086	1195	HOB
VR	88	147	185	293	280	316	353	377	398	455	501	574	632	680	723	779	957	923	981	1080	1163	1302	1415	1559	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.077	.303	.491	.582	.707	.781	.842	.872	.895	.939	.96[illegible]	.980	.999	.992	.995	.997	.999	.999	.999						200
400	.020	.088	.136	.206	.282	.341	.404	.444	.478	.568	.633	.722	.781	.822	.859	.886	.921	.842	.959	.973	.982	.990	.994	.997	400
500	.009	.040	.063	.089	.139	.172	.210	.235	.257	.321	.372	.453	.515	.565	.606	.656	.719	.758	.801	.851	.904	.925	.948	.967	500
800	.005	.029	.036	.057	.081	.102	.125	.141	.158	.198	.234	.293	.341	.382	.416	.464	.527	.577	.619	.683	.791	.799	.843	.886	800
1000	.003	.015	.023	.037	.053	.066	.082	.093	.103	.193	.156	.201	.237	.269	.297	.334	.387	.431	.469	.532	.592	.859	.713	.773	1000
1200	.002	.010	.016	.028	.037	.047	.059	.066	.073	.094	.113	.145	.172	.197	.219	.246	.291	.329	.380	.419	.462	.535	.591	.658	1200
1400	.002	.009	.012	.019	.027	.035	.043	.049	.054	.070	.084	.109	.130	.149	.187	.190	.225	.255	.282	.329	.369	.435	.486	.552	1400
1600	.001	.006	.009	.015	.021	.027	.033	.039	.042	.054	.065	.085	.102	.117	.131	.150	.179	.205	.225	.265	.300	.558	.405	.464	1600
1800	.001	.005	.007	.012	.017	.021	.026	.030	.033	.043	.052	.069	.081	.094	.105	.121	.144	.185	.183	.217	.246	.297	.339	.392	1800
2000	.001	.004	.006	.009	.014	.017	.021	.024	.027	.095	.042	.055	.066	.077	.086	.099	.119	.136	.152	.180	.206	.249	.287	.334	2000
2500	.001	.002	.004	.006	.009	.011	.014	.018	.017	.023	.027	.036	.043	.050	.056	.065	.079	.090	.100	.120	.139	.199	.196	.232	2500
3000		.002	.003	.004	.006	.008	.010	.011	.012	.018	.019	.025	.030	.035	.039	.045	.055	.063	.071	.085	.098	.121	.141	.186	3000
3500		.001	.002	.003	.004	.006	.007	.008	.009	.012	.014	.018	.022	.026	.029	.034	.041	.047	.053	.064	.079	.091	.106	.127	9500
4000		.001	.001	.002	.003	.004	.005	.006	.007	.009	.011	.014	.017	.020	.022	.026	.091	.036	.041	.049	.057	.070	.083	.099	4000
5000		.001	.001	.001	.002	.003	.003	.004	.004	.006	.007	.009	.011	.013	.014	.017	.020	.023	.028	.032	.037	.046	.054	.065	5000
6000			.001	.001	.002	.002	.002	.003	.003	.004	.005	.008	.009	.009	.010	.012	.014	.018	.019	.022	.028	.032	.036	.045	6000
7000				.001	.001	.001	.002	.002	.007	.003	.004	.005	.008	.007	.007	.008	.010	.012	.014	.018	.019	.024	.029	.034	7000
8000				.001	.001	.001	.001	.002	.002	.002	.003	.004	.004	.005	.006	.007	.008	.009	.010	.013	.015	.019	.021	.026	8000
9000					.001	.001	.001	.001	.001	.002	.002	.003	.003	.004	.004	.005	.006	.007	.009	.010	.012	.014	.017	.021	9000
10000					.001	.001	.001	.001	.001	.001	.002	.002	.009	.003	.004	.004	.005	.008	.007	.008	.009	.012	.014	.017	10000

51P0

51P6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7600	9000	12000	KT
Adj VN	57.7	52.2	51.0	50.0	49.3	49.0	46.7	49.5	49.4	48.1	47.9	47.8	47.5	47.4	47.3	47.2	47.1	47.0	47.0	46.9	46.9	46.7	46.7	46.8	Adj VN
psi	41882	15207	12248	10232	9065	6476	8006	7768	7584	7192	6939	6642	6461	6335	6240	6133	6009	5922	5856	5761	5695	5605	5545	5492	psi
HOB	49	110	142	193	223	254	286	306	325	374	414	476	526	569	605	854	722	779	829	914	987	1106	1205	1529	HOB
VR	44	136	185	249	312	360	411	444	472	551	614	714	794	862	921	999	1106	1198	1271	1415	1531	1722	1980	2077	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.099	.267	.431	.626	.774	.851	.907	.931	.948	.975	.986	.994	.997	.999	.999	.999									200
400	.008	.076	.136	.230	.336	.416	.500	.550	.592	.696	.765	.847	.894	.923	.941	.959	.976	.984	.939	.994	.996	.999	.999	.999	400
600	.004	.095	.063	.111	.169	.217	.272	.309	.340	.429	.497	.599	.669	.723	.764	.810	.862	.896	.919	.947	.984	.990	.986	.993	600
800	.002	.020	.036	.064	.099	.130	.165	.189	.211	.274	.327	.411	.477	.530	.575	.629	.699	.749	.799	.942	.879	.922	.947	.967	800
1000	.001	.019	.023	.042	.065	.095	.110	.126	.142	.197	.226	.291	.345	.390	.429	.480	.549	.602	.648	.713	.762	.829	.871	.910	1000
1200	.001	.009	.016	.029	.046	.060	.079	.090	.101	.135	.164	.214	.257	.295	.326	.370	.430	.480	.525	.591	.645	.722	.776	.832	1200
1400	.001	.008	.012	.022	.034	.045	.058	.067	.075	.101	.124	.163	.197	.227	.254	.290	.342	.386	.424	.488	.540	.820	.679	.743	1400
1600	.001	.005	.009	.017	.026	.034	.045	.052	.059	.079	.096	.129	.155	.179	.202	.293	.276	.914	.349	.405	.453	.530	.599	.956	1600
1500		.004	.007	.013	.021	.027	.035	.041	.046	.063	.077	.103	.125	.145	.164	.189	.226	.259	.299	.339	.382	.459	.510	.577	1800
2000		.003	.006	.011	.017	.022	.029	.033	.039	.051	.063	.084	.103	.120	.135	.156	.169	.216	.242	.286	.325	.990	.442	.508	2000
2500		.002	.004	.007	.011	.014	.019	.022	.024	.033	.041	.055	.067	.079	.089	.104	.126	.148	.164	.196	.225	.274	.318	.369	2500
3000		.001	.003	.005	.007	.010	.013	.015	.017	.023	.029	.038	.047	.055	.069	.073	.099	.104	.117	.141	.183	.201	.234	.277	3000
3500		.001	.002	.009	.006	.007	.010	.011	.013	.017	.021	.028	.035	.041	.047	.055	.067	.079	.089	.106	.125	.155	.179	.213	3500
4000		.001	.001	.003	.004	.006	.007	.008	.010	.013	.016	.022	.027	.032	.036	.042	.051	.060	.069	.093	.098	.119	.140	.188	4000
5000		.001	.001	.002	.009	.004	.005	.005	.006	.009	.010	.014	.017	.020	.029	.027	.033	.039	.044	.054	.069	.078	.093	.112	5000
6000			.001	.001	.002	.002	.003	.004	.004	.006	.007	.010	.012	.014	.016	.019	.023	.027	.031	.039	.044	.055	.065	.079	6000
7000				.001	.001	.002	.002	.003	.003	.004	.005	.007	.009	.010	.012	.014	.017	.020	.023	.026	.033	.041	.049	.059	7000
8000				.001	.001	.001	.002	.002	.002	.003	.004	.006	.007	.009	.009	.011	.019	.015	.019	.021	.025	.032	.037	.045	8000
9000				.001	.001	.001	.001	.002	.002	.003	.003	.004	.005	.006	.007	.008	.010	.012	.014	.017	.020	.025	.030	.036	9000
10000					.001	.001	.001	.001	.002	.002	.003	.004	.004	.005	.0[illegible]3	.007	.008	.010	.011	.014	.018	.020	.024	.029	10000

51P6

6Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	9.1	6.6	6.0	5.5	5.1	4.8	4.6	4.5	4.5	4.3	4.1	4.0	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2	Adj VN
psi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	686	1639	2443	3076	3709	4177	4673	4986	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17216	18721	20605	HOB
WR	2042	6035	8223	11113	14079	16322	18726	20254	21617	25304	28405	33216	37064	40324	43180	46926	52200	56661	60565	67230	72879	82231	89941	98604	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.994	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.988	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.963	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.917	.992	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.851	.989	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.771	.985	.991	.994	.995	.995	.995	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.686	.979	.988	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1400
1600	.609	.971	.986	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1600
1800	.536	.961	.982	.990	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1800
2000	.473	.946	.977	.986	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	2000
2500	.346	.904	.956	.981	.988	.991	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	2500
3000	.262	.845	.932	.970	.983	.987	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	3000
3500	.203	.776	.896	.933	.976	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	3500
4000	.161	.707	.853	.934	.966	.976	.983	.985	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	4000
5000	.107	.575	.754	.880	.937	.958	.971	.976	.980	.986	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	5000
6000	.078	.463	.652	.811	.898	.931	.933	.962	.968	.978	.983	.986	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	6000
7000	.057	.376	.558	.735	.845	.894	.927	.941	.951	.968	.976	.983	.987	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.996	7000
8000	.044	.308	.477	.660	.787	.850	.885	.915	.929	.955	.967	.977	.982	.985	.987	.988	.991	.992	.992	.993	.994	.994	.995	.996	8000
9000	.035	.256	.408	.588	.727	.801	.857	.884	.902	.937	.954	.970	.977	.981	.984	.986	.988	.990	.991	.992	.993	.994	.994	.995	9000
10000	.026	.215	.331	.524	.668	.750	.816	.848	.871	.916	.936	.960	.970	.976	.976	.983	.986	.988	.990	.991	.992	.993	.994	.994	10000

6Q7

7Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	10.1	7.6	7.0	6.5	6.1	5.8	5.6	5.5	5.5	5.3	5.1	5.0	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	Adj VN
psi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	716	1939	2443	3076	3709	4177	4673	4986	5263	6025	6631	7591	8355	9000	9564	10302	11339	12213	12980	14287	15390	17216	18721	20605	HOB
WR	1796	5306	7231	9770	12376	14350	16464	17806	19005	22317	24974	28203	32588	35452	37963	41256	45893	49815	53248	58114	64074	72296	79074	87570	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.994	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.981	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.947	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.988	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.883	.991	.994	.995	.995	.996	.996	.996	.996	.996	.996	.988	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.797	.987	.982	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.703	.981	.989	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.612	.972	.986	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1400
1600	.530	.960	.981	.990	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1600
1800	.456	.944	.976	.987	.991	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1800
2000	.366	.926	.968	.984	.990	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	2000
2500	.285	.865	.941	.974	.985	.989	.991	.992	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	2500
3000	.212	.790	.903	.936	.977	.984	.988	.988	.990	.992	.993	.994	.994	.995	.995	.993	.995	.995	.996	.996	.996	.996	.996	.996	3000
3500	.162	.710	.855	.935	.966	.977	.983	.986	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	3500
4000	.127	.632	.800	.907	.951	.967	.977	.981	.983	.986	.990	.992	.993	.994	.994	.994	.995	.995	.993	.995	.995	.996	.996	.996	4000
5000	.084	.496	.683	.833	.910	.940	.956	.967	.972	.981	.985	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	5000
6000	.060	.390	.574	.746	.854	.901	.932	.945	.954	.970	.976	.984	.987	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	6000
7000	.044	.310	.479	.663	.790	.852	.897	.916	.930	.955	.967	.978	.983	.985	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	7000
8000	.034	.251	.402	.542	.721	.796	.853	.860	.899	.933	.953	.966	.976	.981	.983	.986	.989	.990	.991	.992	.993	.994	.994	.995	8000
9000	.027	.206	.339	.509	.654	.738	.805	.838	.863	.910	.934	.957	.966	.974	.978	.982	.986	.986	.988	.991	.992	.993	.993	.994	9000
10000	.022	.172	.286	.446	.590	.679	.754	.763	.822	.881	.912	.943	.958	.966	.972	.977	.982	.985	.987	.989	.990	.992	.993	.993	10000

7Q7

8Q6

KT	1	10	20	40	70	100	140	170	200	300	400	500	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	10.7	6.5	6.0	7.6	7.3	7.1	6.9	6.8	6.8	6.6	6.5	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	Adj VN
psi	1	1	1	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	psi
HOB	626	1939	2443	3078	3709	4177	4873	4986	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17216	18721	20605	HOB
VR	1659	4726	6357	8478	10630	12246	13970	15061	16034	16713	20854	24256	26971	29268	31278	33913	37617	40745	43484	48162	52116	58665	64062	70823	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.977	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.934	.993	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.856	.989	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.756	.983	.990	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.657	.974	.987	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.563	.962	.982	.990	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1400
1600	.482	.945	.975	.987	.991	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1600
1800	.413	.923	.966	.983	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1800
2000	.356	.896	.955	.979	.987	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	2000
2500	.251	.820	.916	.952	.975	.980	.986	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	2500
3000	.165	.731	.864	.936	.966	.977	.983	.985	.987	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	3000
3500	.141	.643	.802	.904	.949	.965	.975	.979	.982	.987	.989	.991	.993	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	3500
4000	.110	.561	.736	.864	.926	.950	.965	.971	.975	.983	.988	.990	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	.995	.996	4000
5000	.073	.427	.606	.769	.865	.907	.936	.946	.956	.971	.976	.984	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	5000
6000	.051	.329	.495	.670	.791	.850	.894	.913	.927	.952	.965	.976	.981	.984	.986	.988	[illegible]	.991	.992	.993	.993	.994	.994	.995	6000
7000	.038	.256	.404	.577	.711	.785	.842	.869	.888	.927	.946	.964	.973	.978	.981	[illegible]	[illegible]	.989	.990	.991	.992	.993	.994	.994	7000
8000	.029	.207	.334	.495	.633	.715	.784	.816	.843	.895	.922	.949	.962	.969	.974	[illegible]	.983	.986	.987	.989	.991	.992	.993	.994	8000
9000	.023	.169	.278	.425	.561	.647	.723	.763	.793	.857	.892	.929	.947	.956	.965	.971	.976	.982	.984	.987	.989	.991	.992	.993	9000
10000	.019	.140	.234	.367	.497	.580	.663	.706	.741	.815	.858	.905	.929	.943	.953	.962	.971	.976	.980	.984	.986	.989	.990	.992	10000

8Q6

9Q6

KT	1	10	20	40	70	100	140	170	200	300	400	500	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	11.7	9.5	9.0	6.6	6.3	8.1	7.9	7.8	7.8	7.6	7.5	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	Adj VN
psi	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	501	1739	2443	3078	3709	4177	4673	4986	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17218	18721	20605	HOB
VR	1459	4155	5589	7453	9346	10766	12282	13242	14096	16452	16335	21325	23712	25731	27499	29815	33072	35622	38230	42343	45819	51577	56322	62267	VR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.992	.996	.996																						200
400	.969	.994	.995	.996	.996	.996	.996	.996	.996																400
600	.905	.991	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996													600
800	.804	.986	.992	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996										800
1000	.686	.977	.986	.992	.994	.994	.995	.995	.993	.995	.996	.996	.996	.996	.996	.995	.996	.996							1000
1200	.579	.964	.983	.990	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.998	.996	.996	.996					1200
1400	.485	.945	.975	.967	.991	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				1400
1600	.407	.921	.965	.983	.989	.991	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996		1600
1800	.343	.891	.952	.977	.986	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1600
2000	.292	.857	.936	.970	.963	.987	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	2000
2500	.203	.759	.882	.946	.971	.979	.985	.987	.966	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	2500
3000	.147	.656	.813	.911	.952	.967	.977	.980	.983	.966	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	3000
3500	.111	.564	.738	.866	.927	.951	.985	.972	.976	.963	.986	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	3500
4000	.067	.483	.663	.813	.895	.920	.950	.960	.966	.977	.982	.987	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	4000
5000	.057	.356	.527	.701	.815	.869	.906	.925	.937	.959	.969	.979	.983	.986	.988	.989	.991	.992	.992	.993	.994	.994	.995	.995	5000
6000	.040	.269	.419	.592	.725	.797	.852	.678	.896	.932	.950	.967	.975	.979	.982	.985	.988	.989	.990	.992	.992	.993	.994	.994	6000
7000	.029	.209	.336	.498	.636	.718	.786	.820	.845	.856	.923	.949	.962	.969	.974	.979	.983	.966	.987	.990	.991	.992	.993	.994	7000
8000	.023	.165	.273	.419	.554	.641	.717	.757	.786	.653	.689	.927	.945	.956	.963	.970	.977	.981	.984	.987	.968	.991	.992	.993	8000
9000	.018	.134	.225	.355	.483	.569	.649	.693	.728	.805	.850	.899	.924	.939	.950	.960	.969	.975	.979	.983	.986	.989	.990	.991	9000
10000	.015	.111	.186	.302	.421	.504	.585	.631	.668	.754	.806	.866	.899	.919	.933	.946	.959	.967	.972	.978	.982	.966	.986	.990	10000

9Q6

10Q4

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	11.9	10.3	10.0	9.7	9.9	9.5	9.4	9.3	9.3	9.2	9.1	9.1	9.0	9.0	9.0	9.0	9.9	9.9	9.9	9.9	9.9	9.9	8.9	9.9	Adj VW
psi	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	483	1459	1971	2630	3295	3791	4319	4653	4950	5796	6417	7450	8273	8969	9564	10302	11339	12215	12980	14287	15390	17219	18721	20605	HOB
WR	1629	3743	4914	6407	7903	9017	10199	10945	11609	13432	14965	17199	19022	20572	21927	23702	26195	28302	30143	33296	35941	40339	43960	48496	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.992	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.969	.996	200
400	.997	.994	.965	.995	.996	.996	.996	.996	.996	.996	.966	.966	.999	.996	.996	.999	.996	.996	.999	.999	.996	.996	.996	.999	400
600	.900	.990	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.794	.983	.990	.993	.994	.965	.995	.995	.995	.965	.996	.996	.996	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.676	.971	.965	.996	.993	.994	.994	.995	.965	.995	.995	.996	.996	.969	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.566	.952	.977	.987	.991	.992	.963	.994	.994	.995	.965	.995	.995	.996	.969	.996	.996	.996	.996	.996	.999	.996	.996	.996	1200
1400	.472	.927	.995	.992	.988	.996	.962	.993	.993	.994	.994	.965	.995	.995	.995	.996	.996	.999	.996	.996	.999	.996	.996	.996	1400
1600	.395	.965	.950	.975	.985	.999	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.965	.996	.996	.996	.999	.996	.996	.996	1600
1800	.333	.857	.981	.997	.980	.995	.999	.990	.991	.992	.993	.994	.994	.995	.965	.995	.995	.965	.995	.996	.996	.996	.996	.996	1800
2000	.283	.815	.909	.956	.975	.981	.996	.999	.996	.991	.992	.963	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	2000
2500	.195	.703	.836	.919	.954	.968	.976	.980	.983	.987	.996	.961	.992	.993	.993	.994	.994	.995	.965	.965	.965	.995	.996	.996	2500
3000	.142	.595	.752	.967	.924	.947	.962	.999	.973	.981	.985	.999	.990	.961	.992	.993	.993	.994	.994	.995	.965	.995	.965	.995	3000
3500	.107	.500	.696	.806	.985	.919	.943	.953	.990	.973	.979	.995	.987	.989	.996	.991	.992	.963	.963	.994	.994	.995	.995	.995	3500
4000	.083	.421	.585	.740	.839	.884	.917	.932	.942	.961	.970	.979	.983	.996	.999	.996	.991	.962	.962	.963	.994	.994	.995	.965	4000
5000	.054	.304	.450	.911	.733	.799	.850	.875	.993	.928	.949	.963	.972	.977	.980	.983	.986	.989	.996	.961	.962	.963	.963	.994	5000
6000	.039	.227	.349	.499	.928	.705	.771	.804	.829	.982	.910	.940	.955	.963	.969	.975	.980	.983	.985	.999	.989	.991	.992	.963	6000
7000	.028	.174	.275	.409	.533	.914	.688	.727	.759	.828	.965	.909	.930	.944	.953	.962	.971	.976	.979	.983	.996	.996	.990	.991	7000
8000	.032	.137	.221	.337	.453	.532	.609	.951	.985	.764	.813	.869	.900	.919	.932	.945	.959	.999	.971	.979	.981	.995	.969	.990	8000
9000	.017	.111	.181	.281	.388	.461	.536	.579	.915	.701	.757	.824	.863	.888	.906	.924	.942	.954	.961	.970	.975	.981	.984	.987	9000
10000	.014	.091	.130	.237	.331	.400	.472	.514	.551	.640	.700	.779	.822	.853	.875	.899	.923	.938	.949	.960	.969	.976	.980	.984	10000

10Q4

10Q5

KT	1	10	20	40	70	100	140	170	200	300	400	900	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	12.3	10.4	10.0	9.7	9.4	9.3	9.2	9.1	9.0	9.9	9.9	9.6	9.7	9.7	9.6	9.9	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.4	Adj VW
psi	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	441	1429	1971	2677	3396	3936	4511	4976	5200	6025	9631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17219	18721	20605	HOB
WR	1352	3699	4914	6475	8049	9224	10474	11264	11997	13899	15442	17996	19839	21407	22929	24816	27473	29716	31677	35026	37855	42540	46400	51235	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.991	.996	.996	.996	.996	.996	.996	.996	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	[illegible]	.996	.996	.996	.996	200
400	.962	.994	.995	.995	.996	.996	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.999	.996	.996	[illegible]	.996	400
600	.984	.996	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	.999	.996	600
800	.769	.982	.990	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.896	.996	800
1000	.944	.970	.995	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.532	.951	.977	.987	.991	.992	.993	.994	.994	.995	.965	.995	.995	.996	.996	.996	.996	.996	.996	.996	.396	.996	.996	.996	1200
1400	.439	.925	.995	.982	.996	.991	.992	.993	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.999	.996	.996	.996	.996	.996	1400
1600	.365	.962	.950	.976	.985	.996	.991	.992	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.999	.996	.996	1600
1800	.306	.853	.931	.999	.981	.996	.999	.990	.991	.993	.993	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.999	.996	1800
2000	.259	.810	.909	.957	.979	.982	.986	.988	.989	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	2000
2500	.179	.999	.836	.920	.956	.970	.979	.981	.984	.999	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	2500
3000	.129	.586	.752	.870	.929	.951	.965	.971	.975	.982	.996	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.395	.996	3000
3500	.097	.493	.968	.810	.890	.924	.947	.956	.993	.975	.980	.986	.999	.990	.991	.992	.963	.993	.994	.994	.994	.995	.995	.995	3500
4000	.075	.415	.585	.746	.945	.891	.923	.937	.947	.965	.973	.991	.985	.997	.989	.990	.991	.992	.963	.993	.994	.994	.995	.995	4000
5000	.049	.299	.450	.619	.743	.809	.960	.884	.901	.935	.951	.987	.975	.979	.982	.995	.999	.996	.960	.992	.952	.993	.994	.994	5000
6000	.034	.222	.349	.506	.639	.719	.784	.817	.842	.962	.919	.949	.959	.997	.972	.977	.982	.985	.987	.989	.990	.992	.993	.993	6000
7000	.025	.171	.275	.415	.545	.629	.703	.742	.773	.840	.877	.917	.939	.950	.959	.966	.974	.979	.982	.985	.987	.990	.991	.992	7000
8000	.020	.134	.221	.343	.464	.546	.624	.669	.703	.781	.829	.982	.910	.929	.940	.952	.963	.970	.975	.980	.983	.987	.999	.990	8000
9000	.015	.109	.181	.296	.396	.475	.552	.597	.634	.720	.775	.840	.877	.901	.917	.933	.950	.959	.966	.974	.979	.983	.996	.999	9000
10000	.013	.089	.150	.241	.340	.413	.499	.532	.569	.660	.720	.795	.840	.999	.889	.911	.932	.946	.954	.965	.972	.979	.993	.996	10000

10Q5

10Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	12.7	10.5	10.0	9.6	9.3	9.1	8.9	8.8	6.6	8.6	8.5	8.4	8.3	8.3	8.2	6.2	8.1	6.1	8.0	8.0	8.0	7.9	7.9	7.8	Adj VN
psi	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	405	1399	1971	2731	3513	4105	4673	4966	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17216	18721	20605	HOB
WR	1263	3653	4914	6553	8217	9466	10798	11642	12393	14464	16120	18749	20847	22623	24176	26213	29076	31494	33611	37226	40283	45345	49517	54744	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.990	.996	.996	.996																					200
400	.956	.994	.995	.995	.996	.996	.996	.996	.996																400
600	.867	.990	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996												600
800	.740	.962	.990	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996									800
1000	.612	.969	.985	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						1000
1200	.500	.949	.977	.987	.991	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				1200
1400	.409	.922	.965	.983	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996		1400
1600	.33	.888	.950	.977	.986	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1600
180C	.282	.846	.931	.969	.982	.987	.989	.991	.991	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1800
2000	.237	.305	.906	.956	.977	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	2000
2500	.162	.689	.836	.923	.959	.972	.979	.983	.985	.969	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	2500
3000	.116	.580	.752	.874	.932	.954	.968	.973	.977	.984	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	3000
3500	.067	.486	.666	.816	.896	.929	.951	.960	.966	.977	.962	.967	.989	.991	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	3500
4000	.068	.408	.585	.752	.853	.898	.929	.942	.952	.966	.976	.963	.986	.986	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	4000
5000	.044	.293	.450	.625	.753	.820	.870	.894	.910	.941	.957	.971	.973	.982	.984	.986	.989	.990	.991	.992	.993	.994	.994	.995	5000
6000	.031	.218	.349	.513	.551	.732	.796	.831	.655	.903	.928	.953	.965	.971	.976	.980	.984	.986	.986	.990	.991	.992	.993	.994	6000
7000	.023	.167	.275	.422	.557	.644	.720	.760	.790	.855	.691	.927	.946	.957	.964	.971	.977	.981	.984	.987	.989	.991	.992	.993	7000
8000	.018	.131	.221	.349	.476	.562	.643	.687	.722	.800	.846	.896	.922	.938	.948	.958	.968	.974	.978	.983	.985	.988	.990	.991	8000
9000	.014	.106	.181	.292	.407	.490	.571	.617	.655	.742	.796	.858	.892	.914	.928	.943	.957	.965	.971	.977	.981	.985	.988	.990	9000
10000	.011	.087	.150	.246	.351	.428	.506	.552	.591	.683	.743	.816	.856	.865	.904	.923	.942	.954	.961	.970	.976	.982	.985	.988	10000

10Q6

10Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	13.1	10.6	10.0	9.5	9.1	3.3	8.6	8.5	3.5	6.3	8.1	3.0	7.9	7.3	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.2	Adj N
psi	3	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	375	1863	1971	2791	3650	4177	4673	4986	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17213	18721	20605	HOB
WR	1220	3606	4914	6639	8412	9752	11186	12101	12915	15166	16971	19845	22145	24092	25799	28033	31188	33853	36185	40172	43543	49130	53736	55510	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.990	.996	.996	.996	.996	.986	.996	.996	.986	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.949	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.986	.996	.986	.996	.996	.986	.996	400
600	.849	.968	.993	.995	.995	.995	.996	.996	.986	.986	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.993	.996	.996	.996	600
800	.713	.981	.990	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.986	.996	.996	.996	.996	.986	.996	800
1000	.581	.968	.985	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.470	.947	.977	.963	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.993	.993	1200
1400	.382	.919	.965	.983	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	1400
1600	.313	.884	.950	.977	.987	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.993	.996	1600
1800	.260	.843	.931	.970	.983	.987	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1800
2000	.219	.799	.906	.960	.976	.994	.988	.990	.991	.992	.993	.994	.995	.994	.995	.995	.995	.995	.996	.996	.996	.996	.998	.996	2000
2500	.140	.382	.838	.926	.961	.974	.981	.984	.986	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	2500
3000	.106	.572	.752	.378	.936	.958	.971	.976	.979	.985	.933	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	3000
3500	.080	.473	.886	.821	.902	.935	.956	.964	.970	.980	.984	.938	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	3500
4000	.062	.400	.585	.759	.861	.906	.936	.946	.957	.972	.979	.985	.988	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	4000
5000	.040	.287	.450	.633	.765	.833	.382	.904	.920	.949	.962	.975	.981	.984	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	5000
6000	.023	.213	.349	.521	.665	.743	.814	.846	.869	.915	.938	.959	.970	.976	.979	.983	.986	.933	.989	.991	.992	.993	.994	.994	6000
7000	.021	.163	.275	.429	.572	.661	.739	.779	.809	.872	.905	.938	.954	.964	.970	.975	.981	.984	.986	.989	.990	.992	.992	.993	7000
8000	.016	.123	.221	.358	.490	.581	.664	.709	.744	.821	.884	.910	.934	.943	.957	.965	.974	.978	.982	.985	.987	.990	.991	.992	8000
9000	.013	.103	.181	.296	.421	.503	.593	.640	.679	.766	.819	.877	.908	.927	.940	.952	.964	.971	.976	.981	.984	.987	.989	.991	9000
10000	.010	.085	.150	.251	.363	.445	.523	.576	.616	.710	.770	.840	.879	.903	.920	.936	.952	.962	.963	.976	.980	.985	.987	.989	10000

10Q7

10Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	13.4	10.7	10.0	9.3	8.9	8.6	8.3	8.2	8.1	7.8	7.8	7.4	7.3	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.4	6.3	Adj VW
psi	4	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	351	1335	1971	2859	3709	4177	4673	4996	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17218	18721	20805	HOB
WR	1164	3556	4914	6738	8646	10104	11876	12684	13585	16087	18105	21334	23929	26133	28064	30608	34194	37238	39897	44456	48315	54720	60006	68636	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.989	.996	.996	.996	.996	.996	.996	.996	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.942	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.999	.999	.996	.996	.996	400
600	.831	.989	.993	.995	.995	.995	.996	.999	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	.998	.996	.996	.996	.996	600
800	.697	.981	.990	.993	.994	.995	.995	.995	.996	.996	.996	.998	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.999	.996	800
1000	.552	.987	.985	.991	.993	.994	.995	.995	.995	.995	.996	.998	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000
1200	.442	.945	.977	.986	.992	.993	.994	.994	.995	.995	.995	.998	.996	.999	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.357	.916	.995	.984	.990	.992	.993	.994	.994	.993	.995	.995	.999	.996	.996	.996	.996	.996	.998	.996	.996	.996	.998	.996	1400
1600	.291	.880	.950	.978	.987	.990	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1600
1800	.241	.838	.931	.971	.984	.988	.991	.992	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	1800
2000	.202	.792	.908	.991	.980	.985	.999	.996	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.966	.998	.996	.998	2000
2500	.136	.874	.836	.929	.964	.976	.983	.996	.987	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.998	.996	.996	.996	2500
3000	.097	.563	.752	.883	.941	.991	.974	.978	.982	.987	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	3000
3500	.073	.469	.686	.827	.909	.941	.960	.968	.973	.982	.999	.996	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	3500
4000	.056	.393	.585	.768	.871	.915	.943	.955	.962	.976	.982	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	4000
5000	.037	.281	.450	.642	.779	.847	.895	.916	.930	.956	.968	.979	.984	.986	.996	.990	.991	.992	.993	.994	.994	.995	.995	.995	5000
6000	.026	.208	.349	.530	.681	.766	.832	.863	.885	.920	.948	.997	.975	.980	.983	.999	.988	.996	.991	.992	.993	.994	.994	.995	6000
7000	.019	.159	.275	.436	.599	.682	.761	.801	.831	.890	.920	.949	.993	[illegible]	.975	.986	.984	.987	.998	.990	.991	.993	.993	.994	7000
8000	.015	.125	.221	.364	.507	.602	.689	.735	.770	.845	.885	.927	.947	.958	.965	.972	.979	.983	.985	.998	.983	.991	.992	.993	8000
9000	.012	.101	.181	.305	.437	.530	.619	.996	.708	.795	.845	.898	.926	.942	.952	.962	.972	.977	.981	.985	.987	.990	.991	.992	9000
10000	.009	.083	.150	.258	.377	.466	.554	.605	.646	.742	.801	.866	.901	.922	.938	.950	.993	.970	.975	.981	.984	.988	.989	.991	10000

11Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	13.7	11.5	11.0	10.5	10.3	10.1	9.9	9.8	9.8	9.6	9.5	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.8	Adj VW
psi	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	337	1120	1580	2196	2833	3315	3833	4182	4456	5269	5921	6958	7788	8491	9106	9914	11050	12010	12851	14287	15390	17216	18721	20605	HOB
WR	1128	3212	4320	5761	7224	8322	9493	10235	10896	12717	14172	16483	18328	19889	21255	23046	25563	27689	29550	32730	35416	39997	43534	48129	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.988	.995	.996	.996																					200
400	.937	.993	.994	.995	.996	.996	.996	.996	.996	.996	.996														400
600	.817	.987	.992	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.998	.996										600
800	.668	.976	.987	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996							800
1000	.533	.956	.979	.989	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.998	.998	.996	.996	.996				1000
1200	.424	.927	.968	.984	.989	.991	993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996			1200
1400	.340	.889	.951	.977	.986	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1400
1600	.277	.844	.929	.968	.981	.996	.989	.990	.991	.993	.994	.994	.995	.995	.995	.995	.995	.998	.996	.998	.996	.996	.998	.996	1600
1800	.228	.794	.902	.936	.976	.982	.987	.986	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.999	.996	.996	.998	1800
2000	.191	.741	.871	.941	.968	.978	.983	.986	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.998	.996	.996	.996	2000
2500	.128	.613	.779	.891	.941	.960	.972	.977	.980	.986	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	2500
3000	.092	.501	.681	.826	.903	.934	.954	.963	.968	.979	.983	.988	.990	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	3000
3500	.069	.410	.588	.754	.855	.900	.930	.943	.952	.988	.976	.983	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	3500
4000	.053	.339	.506	.881	.799	.857	.899	.916	.931	.955	.966	.977	.982	.985	.987	.989	.990	.991	.992	.993	.994	.994	.995	.995	4000
5000	.034	.238	.377	.546	.683	.760	.822	.852	.873	.918	.938	.959	.969	.975	.979	.982	.986	[illegible]	.989	.991	.992	.993	.993	.994	5000
6000	.024	.174	.286	.436	.573	.659	.733	.772	.802	.864	.896	.932	.950	.960	.968	.973	.971	.982	.985	.987	.989	.991	.992	.993	6000
7000	.018	.133	.223	.351	.479	.565	.645	.890	.725	.802	.847	.897	.923	.938	.949	.959	.963	.975	.978	.983	.985	.988	.990	.991	7000
8000	.014	.104	.177	.287	.401	.484	.564	.610	.848	.736	.791	.854	.889	.911	.926	.941	.955	.964	.970	.977	.981	.985	.987	.989	8000
9000	.011	.083	.144	.237	.339	.415	.492	.538	.576	.670	.731	.806	.850	.878	.898	.918	.938	.951	.959	.969	.974	.981	.984	.987	9000
10000	.009	.066	.119	.199	.288	.357	.430	.474	.512	.607	.671	.755	.806	.841	.865	.891	.918	.933	.945	.958	.966	.975	.980	.934	10000

11Q7

KT	1	10	20	40	71	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj W	14.1	11.5	11.0	10.5	10.1	9.8	9.5	9.5	9.5	9.3	9.1	9.0	5.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	Adj W
psi	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	315	1095	1580	2246	2948	3496	4068	4440	4773	5697	6442	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17216	18721	20605	HOB
WR	1073	3170	4320	5897	7395	8574	9536	10639	11355	13334	14921	17447	19469	21181	22682	24650	27420	29763	31813	35318	38282	43194	47244	52320	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.987	.995	.996	.996	.996	.996	.996	.996	.996	.998	.998	.995	.996	.996	.996	.996	.995	.996	.996	.996	.995	.996	.996	.996	200
400	.928	.993	.994	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.795	.987	.992	.994	.995	.995	.995	.995	.996	.996	.998	.995	.996	.996	.996	.998	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.639	.975	.987	.992	.994	.994	.995	.995	.996	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.502	.955	.979	.989	.992	.993	.994	.994	.996	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.998	.996	.996	.996	1000
1200	.396	.925	.965	.984	.990	.992	.993	.994	.994	.995	.996	.995	.995	.996	.996	.996	.995	.996	.996	.996	.996	.996	.995	.998	1200
1400	.318	.906	.951	.978	.987	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.995	.996	.996	.996	.998	.968	.998	.996	1400
1600	.256	.899	.929	.969	.982	.987	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1600
1800	.210	.796	.902	.957	.977	.984	.997	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.998	.996	.996	.996	.996	.996	1800
2000	.175	.734	.871	.943	.970	.979	.985	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	2000
2500	.117	.605	.779	.895	.945	.963	.974	.979	.982	.987	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	2500
3000	.084	.493	.681	.832	.909	.939	.959	.964	.972	.981	.905	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	3000
3500	.062	.403	.588	.761	.863	.907	.937	.949	.957	.972	.979	.985	.935	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	3500
4000	.048	.332	.506	.696	.810	.868	.909	.928	.938	.980	.971	.980	.989	.997	.955	.990	.991	.992	.993	.994	.994	.994	.995	.995	4000
5000	.031	.233	.377	.554	.696	.775	.896	.965	.886	.927	.946	.965	.974	.979	.982	.955	.985	.969	.990	.992	.992	.993	.994	.994	5000
6000	.022	.171	.296	.444	.587	.578	.752	.791	.820	.880	.911	.942	.957	.996	.972	.977	.982	.985	.987	.996	.990	.992	.993	.993	6000
7000	.018	.129	.223	.355	.493	.584	.667	.711	.747	.823	.868	.912	.935	.945	.957	.966	.974	.979	.982	.985	.987	.990	.991	.992	7000
8000	.012	.101	.177	.293	.414	.502	.596	.634	.572	.781	.814	.874	.906	.925	.938	.951	.963	.970	.975	.980	.984	.987	.989	.991	8000
9000	.010	.081	.144	.242	.351	.432	.514	.562	.602	.897	.758	.830	.871	.897	.914	.932	.949	.959	.996	.974	.979	.984	.996	.989	9000
10000	.008	.086	.119	.203	.299	.373	.450	.497	.537	.535	.701	.783	.882	.984	.586	.909	.932	.946	.955	.986	.972	.979	.983	.996	10000

11Q7

11Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj W	14.8	11.8	11.0	10.2	9.8	9.2	8.9	8.7	8.6	8.2	5.0	7.5	7.4	7.3	7.1	7.0	5.5	5.7	5.8	8.4	6.3	5.2	5.0	5.9	Adj W
psi	8	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	psi
HOB	295	1044	1580	2373	3261	3871	4673	4996	5263	6025	6631	7591	8355	9000	9564	10302	11339	12215	12880	14257	15390	17215	18721	20605	HOB
WR	978	3081	4320	6028	7854	9275	10882	11837	12743	15296	17363	20723	23451	25796	27845	30566	34423	37709	40600	45566	'9787	56817	52639	69963	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.984	.995	.996	.996																					200
400	.987	.993	.994	.985	.996	.996	.996	.996	.996																400
600	.749	.996	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996													600
900	.588	.973	.987	.992	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996										800
1000	.447	.951	.979	.989	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996								1000
1200	.347	.919	.968	.985	.991	.993	.994	.994	.994	.995	.965	.996	.996	.996	.996	.996	.996	.996	.996						1200
1400	.273	.877	.961	.979	.988	.991	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996				1400
1600	.219	.828	.929	.971	.985	.996	.991	.992	.993	.994	.984	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996			1600
1800	.179	.774	.902	.961	.980	.986	.989	.991	.992	.993	.994	.995	.996	.996	.995	.996	.996	.996	.996	.996	.996	.996	.996		1800
2000	.149	.719	.871	.948	.974	.983	.987	.989	.988	.992	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	2000
2500	.099	.587	.779	.985	.953	.970	.980	.983	.986	.980	.991	.993	.994	[illegible]	.995	.935	.996	.996	.996	.996	.996	.996	.996	.996	2500
3000	.070	.476	.881	.944	.923	.951	.968	.974	.979	.996	.989	.991	.993	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	3000
3500	.062	.387	.588	.777	.888	.925	.951	.962	.969	.980	.985	.989	.991	.992	.993	.993	.994	.994	.995	.995	.996	.996	.996	.996	3500
4000	.040	.318	.506	.707	.835	.898	.930	.945	.955	.972	.980	.986	.989	.991	991	.992	.993	.994	.994	.996	.996	.995	.996	.996	4000
5000	.026	.222	.377	.574	.730	.912	.871	.960	.917	.950	.984	.977	.983	.996	.955	.990	.991	.992	.993	.994	.994	.996	.995	.995	5000
6000	.018	.152	.296	.463	.624	.721	.799	.837	.965	.917	.941	.964	.974	.979	.193	.996	.989	.990	.991	.992	.993	.994	.994	.996	9000
7000	.013	.123	.223	.375	.530	.631	.721	.768	.803	.974	.910	.945	.961	.970	.975	.980	.985	.987	.989	.991	.992	.993	.994	.994	7000
8000	.010	.096	.177	.308	.449	.550	.644	.696	.737	.824	.872	.920	.944	.957	.965	.972	.979	.993	.996	.988	.990	.992	.993	.993	8000
9000	.008	.077	.144	.255	.382	.475	.373	.827	.571	.770	.828	.890	.922	.940	.951	.982	.972	.975	.981	.985	.985	.990	.991	.993	9000
10000	.007	.063	.119	.214	.328	.418	.508	.562	.608	.715	.781	[illegible]	[illegible]	.919	.935	.950	.964	.971	.978	.982	.955	.955	.980	.982	10000

11Q9

12Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	15.1	12.8	12.0	11.5	11.1	10.8	10.8	10.5	10.5	10.3	10.1	10.0	9.9	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.2	Adj VN
psi	7	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	283	884	1267	1799	2363	2798	3269	3571	3942	4594	5200	6171	6551	7614	8195	8899	10036	10946	11740	13115	14272	16192	17776	19762	HOB
WR	924	2787	3798	5132	6502	7536	8848	9353	9988	11723	13118	15339	17117	19822	19841	21872	24107	26187	27970	37051	33657	37975	41586	45999	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.982	.995	.996	.996	.999																				200
400	.891	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996														400
600	.718	.983	.990	.993	.994	.995	.999	.995	.999	.996	.996	.996	.996	.999	.996										600
800	.547	.965	.988	.990	.993	.994	.994	.995	.995	.996	.995	.998	.996	.996	.996	.996	.996	.996	.996						800
1000	.414	.935	.972	.986	.991	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.998	.996	.999	.996	.996				1000
1200	.318	.893	.954	.979	.987	.990	.992	.993	.993	.994	.995	.995	.995	.995	.995	.999	.996	.999	.999	.996	.999	.996	.996		1200
1400	.249	.841	.930	.969	.983	.987	.990	.991	.992	.993	.994	.995	.996	.995	.996	.995	.999	.999	.996	.996	.996	.999	.999	.995	1400
1600	.199	.788	.899	.956	.976	.983	.987	.989	.990	.992	.993	.994	.994	.995	.996	.999	.995	.995	.998	.998	.999	.999	.998	.996	1600
1800	.182	.722	.862	.939	.968	.978	.984	.986	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.999	.999	.999	.996	.996	1800
2000	.134	.682	.822	.918	.958	.971	.980	.983	.985	.989	.991	.992	.983	.994	.994	.994	.995	.995	.995	.995	.996	.996	.999	.999	2000
2500	.099	.526	.711	.853	.921	.948	.964	.971	.975	.983	.986	.990	.991	.992	.993	.993	.994	.994	.995	.995	.999	.999	.996	.996	2500
3000	.063	.417	.604	.774	.872	.914	.941	.952	.960	.974	.980	.986	.988	.990	.991	.992	.993	.993	.994	.994	.999	.999	.995	.995	3000
3500	.047	.335	.509	.691	.812	.870	.909	.927	.939	.961	.971	.980	.984	.987	.988	.990	.991	.992	.993	.994	.994	.994	.995	.999	3500
4000	.036	.272	.430	.612	.748	.818	.871	.895	.912	.944	.959	.973	.979	.983	.985	.987	.989	.991	.992	.998	.993	.994	.994	.995	4000
5000	.023	.187	.311	.476	.620	.707	.779	.815	.842	.896	.923	.950	.963	.970	.975	.980	.984	.989	.988	.990	.991	.992	.993	.994	5000
6000	.018	.136	.232	.372	.508	.599	.681	.725	.760	.833	.875	.918	.939	.952	.960	.968	.976	.980	.983	.986	.988	.990	.991	.992	6000
7000	.012	.102	.179	.295	.417	.504	.599	.687	.675	.763	.816	.875	.907	.926	.939	.951	.964	.971	.975	.981	.984	.987	.989	.991	7000
8000	.009	.083	.141	.238	.345	.425	.507	.555	.595	.691	.752	.826	.867	.894	.912	.930	.948	.958	.965	.973	.978	.983	.986	.988	8000
9000	.007	.064	.114	.195	.288	.361	.437	.483	.523	.621	.688	.772	.823	.855	.879	.903	.927	.942	.952	.964	.971	.978	.982	.986	9000
10000	.006	.052	.094	.162	.243	.308	.378	.421	.489	.557	.625	.717	.774	.818	.842	.872	.908	.923	.946	.952	.961	.972	.977	.982	10000

12Q7

12Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	15.4	12.7	12.0	11.3	10.9	10.8	10.3	10.2	10.1	9.8	9.6	9.4	9.3	9.1	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.4	8.3	Adj VN
psi	8	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	281	865	1267	1845	2478	2974	3519	3871	4187	5075	5798	6993	7905	8708	9412	10302	11339	12215	12980	14287	15390	17216	18721	20608	HOB
WR	900	2736	3798	5209	6483	7810	9027	9804	10501	12435	13995	16490	18499	20200	21892	23658	26430	28780	30839	34362	37345	42298	46382	51507	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.981	.995	.996	.999	.999																				200
400	.888	.991	.994	.995	.995	.996	.996	.996	.996	.996	.996														400
600	.704	.982	.990	.993	.999	.995	.995	.995	.996	.996	.996	.995	.996	.996											600
800	.531	.963	.983	.991	.993	.994	.995	.995	.995	.996	.998	.996	.999	.999	.999	.999	.998	.999							800
1000	.399	.932	.972	.986	.991	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.999	.996	.996					1000
1200	.305	.899	.954	.980	.988	.991	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.998	.996	.996	.999	.996	.996			1200
1400	.238	.835	.930	.970	.984	.988	.991	.992	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.998	.996	.996	.998	.996		1400
1600	.190	.776	.899	.958	.978	.984	.986	.990	.991	.993	.993	.994	.996	.995	.999	.995	.995	.996	.996	.996	.996	.996	.996	.996	1600
1800	.155	.714	.862	.941	.970	.980	.984	.987	.989	.991	.993	.994	.994	.995	.995	.995	.995	.995	.996	.998	.996	.996	.996	.996	1800
2000	.128	.653	.822	.922	.961	.974	.981	.984	.989	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.998	2000
2500	.085	.517	.711	.858	.927	.953	.968	.974	.978	.985	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.998	2500
3000	.060	.409	.604	.781	.881	.922	.947	.958	.965	.977	.983	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.996	.995	.996	3000
3500	.044	.328	.509	.700	.824	.881	.920	.936	.947	.967	.975	.983	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	3500
4000	.034	.266	.430	.621	.762	.833	.885	.907	.923	.952	.965	.977	.982	.985	.987	.989	.991	.992	.993	.993	.994	.994	.995	.995	4000
5000	.022	.183	.311	.484	.637	.727	.799	.835	.861	.911	.936	.959	.970	.976	.980	.988	.987	.989	.990	.991	.992	.993	.994	.994	5000
6000	.015	.132	.232	.380	.525	.621	.706	.750	.785	.856	.894	.932	.951	.961	.968	.974	.980	.984	.986	.988	.990	.992	.993	.993	6000
7000	.011	.108	.179	.302	.433	.528	.615	.665	.704	.792	.843	.897	.925	.941	.952	.962	.971	.977	.980	.985	.987	.989	.991	.992	7000
8000	.009	.077	.141	.243	.359	.446	.533	.584	.628	.724	.785	.854	.892	.915	.930	.945	.959	.968	.973	.979	.983	.987	.989	.990	8000
9000	.007	.062	.114	.200	.301	.379	.462	.512	.554	.657	.724	.806	.853	.883	.903	.924	.944	.956	.963	.972	.977	.983	.988	.988	9000
10000	.006	.051	.094	.168	.254	.325	.401	.448	.489	.593	.664	.755	.810	.847	.872	.898	.925	.941	.951	.968	.971	.978	.985	.986	10000

12Q8

12Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	15.8	12.8	12.0	11.2	10.6	10.2	9.9	9.7	9.6	9.2	9.0	8.6	6.4	8.3	8.1	8.0	7.8	7.7	7.6	7.4	7.3	7.2	7.0	6.9	Adj VN
psi	9	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	psi
HOB	279	846	1267	1901	2622	3203	3854	4280	4666	5771	6631	7591	8355	9000	9564	10302	11339	12215	12980	14287	15390	17216	18721	20605	HOB
WR	877	2709	3796	5300	6905	8155	9523	10407	11203	13439	15265	18219	20618	22670	24481	26873	30264	33153	35695	40061	43771	49953	55071	61510	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PT	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.980	.995	.996	.996	.996																				200
400	.876	.991	.994	.995	.996	.996	.996	.996	.996	.996															400
600	.690	.981	.930	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996												600
800	.516	.962	.983	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996									800
1000	.365	.930	.972	.987	.991	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						1000
1200	.293	.665	.954	.981	.989	.991	.993	.993	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					1200
1400	.229	.829	.930	.972	.965	.989	.991	.992	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996			1400
1600	.182	.769	.699	.960	.979	.986	.969	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996		1600
1800	.148	.706	.862	.944	.973	.982	.987	.989	.990	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1800
2000	.122	.645	.622	.925	.964	.976	.984	.986	.968	.991	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	2000
2500	.081	.508	.711	.864	.933	.958	.972	.976	.961	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	2500
3000	.057	.401	.604	.789	.890	.930	.955	.964	.971	.961	.966	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	3000
3500	.042	.320	.509	.709	.837	.894	.931	.946	.956	.973	.980	.966	.989	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	3500
4000	.033	.260	.430	.631	.776	.850	.900	.921	.936	.961	.972	.982	.986	.966	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	4000
5000	.021	.176	.311	.495	.656	.750	.823	.656	.862	.926	.950	.969	.977	.962	.984	.987	.990	.991	.992	.993	.993	.994	.995	.995	5000
6000	.015	.129	.232	.389	.545	.647	.735	.780	.814	.882	.916	.949	.963	.972	976	.981	.985	.988	.989	.991	.992	.993	.994	.994	6000
7000	.011	.097	.179	.310	.452	.553	.647	.699	.740	.826	.874	.922	.944	.957	.965	.973	.980	.983	.986	.988	.990	.992	.993	.993	7000
8000	.006	.075	.141	.251	.377	.471	.566	.620	.664	.765	.824	.887	.919	.938	.950	.961	.972	.977	.981	.985	.988	.990	.991	.992	8000
9000	.007	.080	.114	.206	.316	.403	.494	.546	.593	.702	.769	.847	.889	.914	.931	.946	.961	.970	.975	.981	.984	.988	.990	.991	9000
10000	.005	.049	.094	.171	.268	.347	.431	.484	.529	.640	.714	.803	.854	.886	.907	.928	.948	.960	.987	.975	.980	.985	.988	.990	10000

12Q9

13Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	15.7	13.5	13.0	12.6	12.3	12.1	11.9	11.6	11.8	11.6	11.5	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.8	Adj VN
psi	9	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	psi
HOB	279	746	1031	1418	1823	2132	2465	2877	2866	3392	3814	4487	5026	5483	5884	6410	7151	7777	8325	9283	10057	11372	12458	13818	HOB
WR	884	2462	3339	4453	5584	6433	7338	7911	8422	9829	10954	12741	4167	15374	16429	17814	19759	21403	22841	25299	27375	30815	33650	37202	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.981	.995	.995	.996	.996	.996																			200
400	.878	.990	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996												400
600	.694	.977	.986	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996							600
800	.520	.952	.976	.968	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				800
1000	.389	.911	.961	.961	.986	.990	.992	.993	993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		1000
1200	.297	.655	.935	.970	.963	.987	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1200
1400	.231	.791	.300	.955	.975	.962	.986	.968	.989	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	1400
1600	.184	.723	.659	.935	.965	.976	.962	.985	.987	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1600
1800	.150	.655	.812	.910	.952	.967	.976	.980	.983	.987	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1800
2000	.124	.592	.762	.680	.935	.956	.969	.975	.976	.985	.986	.990	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	2000
2500	.082	.456	.636	.793	.681	.919	.944	.954	.961	.974	.960	.986	.968	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	2500
3000	.056	.354	.525	.696	.813	.866	.907	.924	.936	.958	.969	.979	.983	.986	.986	.989	.991	.992	.992	.993	.994	.994	.995	.995	3000
3500	.043	.260	.433	.607	.736	.807	.860	.885	.903	.936	.953	.969	.976	.960	.983	.986	.986	.990	.991	.992	.993	.993	.994	.994	3500
4000	.033	.225	.359	.525	.663	.742	.807	.836	.662	.908	.932	.955	.966	.973	.977	.981	.965	.987	.988	.990	.991	.993	.993	.994	4000
5000	.021	.153	.254	.394	.527	.614	.692	.733	.766	.836	.875	.917	.936	.951	.959	.967	.975	.979	.982	.985	.988	.990	.991	.992	5000
6000	.015	.110	.187	.300	.416	.502	.583	.629	.666	.752	.804	.865	.898	.916	.932	.946	.959	.967	.972	.978	.982	.986	.988	.990	6000
7000	.011	.062	.142	.234	.335	.411	.486	.534	.573	.666	.728	.803	.647	.876	.896	.916	.937	.950	.958	.966	.974	.980	.984	.987	7000
8000	.006	.064	.111	.187	.273	.339	.410	.453	.491	.585	.651	.737	.790	.827	.853	.880	.909	.927	.939	.954	.963	.973	.978	.983	8000
9000	.007	.051	.090	.152	.225	.263	.347	.386	.421	.513	.580	.671	.731	.773	.804	.639	.876	.900	.916	.937	.949	.963	.971	.977	9000
10000	.005	.042	.073	.126	.166	.239	.295	.331	.363	.450	.515	.608	.671	.716	.753	.793	.838	.867	.868	.915	.932	.951	.961	.970	10000

13Q6

13Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	16.[illegible]	13.6	13.0	12.5	12.1	11.8	11.6	11.5	11.5	11.3	11.1	11.0	10.9	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.4	10.3	10.2	10.2	Adj VN
psi	10	4	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	277	734	1031	1448	1896	2242	2618	2860	3076	3680	4168	4950	5579	6114	6583	7200	8070	8808	9455	10561	11498	13052	14335	15944	HOB
WR	859	2450	3339	4512	5716	6627	7603	8223	8777	10307	11533	13486	15049	16372	17532	19053	21194	23005	24590	27300	29590	33387	36518	40441	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.979	.995	.995	.996	.996	.996																			200
400	.869	.990	.993	.995	.995	.995	.996	.996	.998	.996	.996	.996													400
600	.678	.977	.988	.992	.994	.995	.995	.995	.995	.996	.996	.998	.996	.996	.996	.996	.996								600
800	.503	.950	.978	.988	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					800
1000	.374	.907	.961	.981	.988	.991	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.998	.996	.996	.996	.996	.996			1000
1200	.284	.851	.935	.971	.984	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.221	.785	.900	.957	.977	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.998	1400
1600	.176	.716	.859	.937	.967	.977	.983	.986	.988	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.998	.996	.998	1600
1800	.142	.648	.912	.913	.955	.970	.978	.982	.984	.988	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1800
2000	.118	.584	.762	.884	.939	.960	.972	.977	.980	.986	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	2000
2500	.078	.448	.636	.799	.898	.925	.949	.959	.965	.977	.982	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	2500
3000	.055	.347	.525	.706	.823	.878	.916	.932	.943	.963	.973	.981	.985	.987	.989	.990	.992	.992	.993	.994	.994	.995	.995	.995	3000
3500	.041	.274	.433	.615	.750	.820	.872	.896	.913	.944	.959	.973	.979	.983	.985	.987	.990	.991	.992	.993	.993	.994	.994	.995	3500
4000	.031	.220	.359	.533	.676	.758	.822	.853	.876	.919	.941	.962	.971	.977	.980	.984	.987	.989	.990	.991	.992	.993	.994	.994	4000
5000	.020	.149	.254	.401	.541	.632	.712	.754	.786	.854	.891	.929	.948	.958	.965	.972	.979	.982	.985	.987	.989	.991	.992	.993	5000
6000	.014	.107	.187	.307	.432	.520	.504	.652	.690	.776	.827	.883	.913	931	.943	.955	.966	.973	.977	.982	.985	.988	.990	.991	6000
7000	.010	.080	.142	.240	.347	.428	.510	.558	.598	.694	.755	.828	.869	.895	.913	.931	.948	.959	.966	.974	.978	.984	.986	.989	7000
8000	.008	.062	.111	.191	.283	.355	.430	.476	.516	.614	.681	.766	.818	.851	.875	.900	.925	.940	.950	.963	.970	.978	.982	.985	8000
9000	.006	.050	.090	.155	.234	.297	.365	.408	.445	.542	.611	.704	.762	.803	.832	.864	.897	.918	.931	.949	.959	.970	.976	.981	9000
10000	.005	.040	.073	.129	.196	.251	.312	.351	.386	.478	.546	.642	.706	.752	.786	.823	.864	.890	.908	.931	.945	.961	.969	.976	10000

13Q7

13Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	16.4	13.7	13.0	12.3	11.9	11.6	11.3	11.2	11.1	10.8	10.6	10.4	10.3	10.[illegible]	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.4	9.3	Adj VN
psi	12	4	3	[illegible]	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	276	721	1031	1484	1986	2382	2819	3102	3357	4075	4660	5607	6373	7028	7603	8363	9439	10353	11156	12533	13701	15643	17248	19263	HOB
WR	837	2416	3339	4579	5876	6866	7936	8620	9232	10932	12304	14498	16261	17759	19071	20800	23237	25303	27113	30211	32833	37186	40778	45284	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.978	.995	.995	.996	.996	.996																			200
400	.860	.989	.993	.995	.995	.996	.995	.996	.996	.996	.996														400
600	.662	.976	.988	.992	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996									600
800	.487	.948	.978	.988	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						800
1000	.360	.904	.961	.982	.989	.991	.993	.993	.994	.995	.995	.955	.995	.996	.996	.996	.996	.996	.996	.996	.996				1000
1200	.272	.845	.935	.972	.984	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		1200
1400	.211	.778	.900	.958	.978	.985	.988	.990	.991	.993	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1400
1600	.168	.708	.859	.940	.969	.979	.985	.987	.989	.991	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	1600
1800	.136	.639	.812	.916	.958	.972	.980	.964	.986	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1800
2000	.112	.575	.782	.889	.944	.963	.975	.979	.982	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	2000
2500	.074	.440	.836	.806	.896	.932	.955	.964	.970	.980	.985	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	2500
3000	.052	.340	.525	.714	.634	.889	.925	.940	.951	.989	.977	.984	.987	.989	.990	.991	.993	.993	.994	.994	.995	.995	.995	.995	3000
3500	.039	.268	.433	.624	.704	.835	.886	.909	.924	.953	.966	.977	.983	.986	.987	.989	.991	.992	.993	.993	.994	.994	.995	.995	3500
4000	.030	.215	.359	.542	.692	.775	.840	.870	.891	.931	.951	.968	.976	.981	.984	.986	.989	.990	.991	.992	.993	.994	.994	.995	4000
5000	.019	.146	.254	.409	.558	.653	.735	.777	.809	.875	.908	.942	.958	.967	.972	.978	.983	.985	.987	.989	.991	.992	.993	.994	5000
6000	.013	.104	.187	.314	.448	.542	.630	.679	.718	.804	.852	.904	.930	.945	.955	.964	.973	.978	.981	.985	.988	.990	.991	.992	6000
7000	.010	.078	.142	.245	.362	.449	.536	.587	.629	.726	.787	.856	.893	.916	.931	.946	.960	.968	.973	.979	.983	.987	.989	.991	7000
8000	.008	.061	.111	.196	.296	.374	.455	.505	.547	.650	.718	.801	.849	.879	.900	.921	.942	.954	.962	.971	.977	.983	.986	.988	8000
9000	.006	.048	.090	.160	.245	.313	.388	.435	.475	.578	.650	.743	.800	.837	.864	.892	.920	.937	.948	.961	.969	.977	.982	.985	9000
10000	.005	.039	.073	.132	.205	.266	.333	.376	.414	.514	.586	.685	.748	.792	.823	.857	.893	.915	.930	.948	.959	.970	.976	.982	10000

13Q8

13Q9

KT	1	10	20	40	70	100	140	170	200	300	400	500	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	18.8	13.8	13.0	12.2	11.6	11.2	10.9	10.7	10.6	10.2	10.0	9.8	9.4	9.3	9.1	9.0	8.8	8.7	8.8	8.4	8.3	8.2	8.0	7.9	Adj VN
psi	13	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	274	709	1031	1527	2099	2588	3092	3438	3754	4858	5405	6838	7648	8520	9294	10302	11339	12215	12980	14287	15390	17218	18721	20805	HOB
WR	818	2382	3339	4659	8071	7169	8373	9149	9849	11816	13421	18018	18127	19931	21523	23626	26608	29148	31382	35221	39483	43917	48418	54078	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	PO	PD	PO	PO	PD	PD	PO	PO	PD	PD	PO	PO	PO	PD	CEP
200	.977	.995	.975	.996	.996	.996																			200
400	.850	.989	.933	.995	.995	.996	.996	.998	.996	.998	.998														400
800	.447	.976	.988	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.998	.996										600
800	.472	.948	.978	.989	.992	.994	.994	.995	.995	.995	.995	.998	.996	.996	.996	.996	.996								800
1000	.347	.900	.961	.983	.990	.992	.993	.994	.994	.995	.995	.995	.996	.998	.998	.996	.996	.996	.996	.996					1000
1200	.282	.840	.935	.973	.985	.989	.992	.992	.993	.994	.995	.995	.995	.995	.996	.998	.998	.998	.998	.996	.998				1200
1400	.202	.771	.900	.960	.980	.986	.989	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.998	.996	.996	.998	.998	.996		1400
1600	.160	.700	.859	.943	.972	.981	.986	.988	.990	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.998	.996	.998	.996	.998	1800
1800	.130	.631	.812	.920	.982	.975	.983	.986	.988	.991	.992	.994	.994	.995	.995	.995	.995	.995	.996	.998	.996	.996	.998	.998	1800
2000	.107	.588	.762	.894	.949	.987	.978	.982	.985	.989	.991	.993	.994	.994	.994	.995	.995	.995	.995	.998	.998	.998	.996	.998	2000
2500	.070	.432	.838	.814	.905	.940	.961	.989	.974	.983	.987	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.998	.998	.996	2500
3000	.050	.333	.525	.723	.847	.901	.935	.949	.959	.974	.981	.987	.989	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	3000
3500	.037	.262	.433	.834	.780	.852	.901	.922	.937	.982	.973	.982	.986	.988	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	3500
4000	.028	.210	.359	.553	.711	.798	.860	.889	.909	.945	.981	.975	.982	.985	.987	.989	.991	.992	.993	.993	.994	.995	.995	.995	4000
5000	.018	.142	.254	.419	.578	.678	.783	.805	.837	.898	.928	.956	.968	.975	.979	.983	.987	.989	.990	.992	.993	.993	.994	.994	5000
8000	.013	.102	.187	.322	.487	.568	.882	.713	.753	.837	.882	.927	.948	.980	.987	.974	.981	.984	.988	.989	.990	.992	.993	.994	8000
7000	.009	.076	.142	.252	.379	.474	.569	.823	.687	.787	.826	.889	.920	.939	.951	.982	.972	.973	.981	.985	.988	.990	.991	.993	7000
8000	.007	.059	.111	.202	.311	.397	.487	.541	.587	.895	.764	.843	.886	.911	.928	.945	.960	.989	.974	.980	.984	.988	.990	.991	8000
9000	.008	.047	.090	.165	.258	.335	.418	.470	.514	.828	.701	.793	.845	.879	.901	.923	.945	.957	.985	.974	.979	.984	.987	.989	9000
10000	.005	.038	.073	.136	.217	.285	.380	.409	.451	.581	.839	.740	.801	.841	.889	.898	.928	.943	.953	.986	.973	.980	.984	.987	10000

13Q9

14Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	18.7	14.5	14.0	13.8	13.3	13.1	12.9	12.8	12.7	12.8	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.8	Adj VN
psi	13	6	5	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	psi
HOB	274	851	872	1175	1494	1738	2002	2170	2320	2738	3074	3611	4041	4406	4726	5146	5738	6238	8677	7427	8061	9113	9981	11089	HOB
WR	822	2183	2936	3915	4909	5655	6451	8955	7404	8842	9931	11202	12455	13516	14444	15881	17372	18817	20082	22242	24068	27092	29585	32707	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.977	.995	.995	.996	.996	.996	.999	.996																	200
400	.853	.987	.992	.994	.995	.995	.995	.996	.996	.998	.996	.999	.996	.996											400
600	.352	.969	.984	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						600
800	.476	.931	.969	.984	.990	.992	.993	.993	.994	.994	.995	.995	.995	.996	.996	.999	.999	.999	.999	.999	.996	.999			800
1000	.351	.874	.944	.974	.985	.988	.991	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.998	.996	.996	.996	.996	.998	1000
1200	.265	.603	.907	.958	.977	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.998	.998	.998	1200
1400	.205	.725	.860	.936	.965	.978	.982	.985	.987	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1400
1600	.162	.649	.807	.907	.950	.966	.976	.980	.982	.987	.999	.992	.993	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	1600
1800	.132	.577	.750	.873	.931	.953	.967	.973	.977	.984	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.998	1800
2000	.108	.513	.692	.834	.908	.938	.957	.965	.970	.979	.984	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	2000
2500	.071	.383	.558	.722	.835	.885	.920	.935	.945	.964	.973	.981	.985	.987	.989	.990	.991	.982	.893	.994	.994	.994	.995	.995	2500
3000	.050	.291	.447	.622	.751	.819	.869	.992	.909	.941	.950	.971	.977	.981	.984	.986	.999	.990	.991	.992	.993	.994	.994	.995	3000
3500	.037	.227	.381	.528	.865	.745	.809	.840	.863	.909	.933	.950	.967	.973	.977	.981	.985	.987	.989	.990	.991	.993	.993	.994	3500
4000	.029	.180	.295	.447	.585	.870	.744	.782	.811	.871	.903	.936	.952	.962	.968	.974	.980	.983	.985	.988	.988	.991	.992	.993	4000
5000	.019	.121	.205	.328	.449	.535	.815	.661	.897	.779	.828	.882	.911	.929	.941	.953	.995	.971	.976	.981	.984	.987	.989	.991	5000
6000	.013	.086	.149	.244	.348	.426	.504	.550	.588	.881	.741	.814	.857	.884	.903	.922	.942	.953	.991	.970	.975	.981	.985	.987	6000
7000	.010	.064	.112	.188	.275	.342	.413	.456	.494	.588	.654	.740	.793	.829	.854	.882	.911	.928	.940	.955	.964	.973	.978	.988	7000
8000	.007	.050	.088	.149	.221	.278	.341	.380	.415	.506	.573	.664	.725	.768	.799	.834	.872	.897	.913	.935	.947	.962	.970	.977	8000
9000	.006	.040	.070	.120	.180	.230	.284	.320	.351	.436	.501	.593	.658	.705	.741	.782	.828	.859	.881	.910	.927	.948	.959	.968	9000
10000	.005	.032	.057	.099	.150	.192	.240	.271	.299	.377	.438	.529	.594	.643	.683	.720	.781	.818	.844	.880	.903	.930	.945	.958	10000

14Q6

14Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	17.1	14.6	14.0	13.5	13.1	12.8	12.6	12.5	12.5	12.3	12.1	12.0	11.9	11.8	11.7	11.7	11.6	11.5	11.5	11.4	11.4	11.3	11.2	11.2	Adj VW
psi	15	6	5	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	psi
HOB	272	645	872	1195	1545	1817	2115	2306	2477	2957	3345	3968	4470	4897	5272	5766	6463	7053	7571	8458	9209	10455	11485	12778	HOB
WR	800	2154	2936	3967	5026	5826	6685	7230	7716	9061	10140	11857	13231	14394	15414	16751	18633	20226	21919	24001	26015	29353	32105	35555	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.975	.994	.995	.996	.996	.996	.996																		200
400	.843	.997	.992	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996											400
600	.635	.967	.994	.991	.993	.994	.995	.995	.995	.995	.996	.996	.966	.996	.996	.996	.996	.996							600
800	.460	.929	.969	.985	.990	.992	.993	.994	.994	.995	.965	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996				800
1000	.337	.870	.944	.975	.995	.999	.991	.992	.993	.994	.984	.995	.995	.995	.965	.995	.966	.966	.996	.996	.996	.996	.996	.996	1000
1200	.253	.797	.907	.959	.979	.984	.999	.989	.990	.992	.993	.994	.995	.995	.995	.965	.995	.965	.996	.996	.996	.996	.966	.996	1200
1400	.195	.718	.860	.938	.967	.979	.984	.986	.969	.991	.992	.993	.984	.994	.995	.995	.995	.965	.995	.996	.996	.996	.996	.796	1400
1600	.155	.641	.807	.910	.953	.969	.979	.981	.984	.969	.990	.962	.993	.994	.964	.994	.965	.995	.965	.995	.965	.996	.996	.996	1600
1800	.125	.569	.750	.877	.935	.957	.970	.976	.979	.965	.996	.991	.992	.993	.993	.964	.994	.995	.995	.965	.965	.965	.996	.996	1800
2000	.103	.505	.692	.839	.914	.943	.961	.969	.973	.982	.986	.989	.991	.992	.993	.993	.994	.994	.994	.995	.965	.965	.995	.966	2000
2500	.069	.378	.556	.735	.845	.894	.927	.941	.951	.966	.978	.983	.997	.999	.990	.991	.992	.963	.963	.964	.984	.995	.995	.995	2500
3000	.046	.295	.447	.630	.763	.831	.981	.903	.919	.949	.962	.975	.980	.984	.986	.998	.990	.961	.992	.993	.963	.994	.994	.965	3000
3500	.035	.222	.361	.536	.679	.760	.824	.855	.877	.920	.942	.962	.972	.977	.980	.984	.997	.989	.990	.991	.992	.993	.994	.994	3500
4000	.027	.176	.295	.455	.599	.687	.762	.800	.829	.886	.916	.945	.960	.969	.973	.979	.983	.995	.987	.999	.961	.992	.993	.994	4000
5000	.016	.116	.205	.333	.463	.553	.637	.683	.720	.801	.849	.899	.925	.941	.551	.961	.970	.976	.990	.984	.986	.989	.990	.992	5000
6000	.012	.084	.149	.250	.361	.443	.525	.573	.613	.709	.786	.836	.877	.902	.919	.935	.952	.962	.969	.975	.980	.984	.997	.999	6000
7000	.009	.063	.112	.193	.295	.357	.433	.479	.519	.617	.684	.799	.820	.653	.877	.901	.929	.941	.951	.963	.970	.976	.982	.986	7000
8000	.007	.049	.098	.152	.229	.292	.359	.402	.439	.535	.604	.997	.757	.799	.829	.860	.894	.915	.929	.947	.956	.969	.976	.981	8000
9000	.005	.039	.070	.123	.199	.241	.301	.339	.373	.464	.532	.629	.693	.739	.774	.813	.856	.983	.902	.927	.941	.959	.967	.975	9000
10000	.004	.031	.057	.101	.156	.202	.254	.298	.319	.403	.466	.564	.631	.681	.719	.763	.813	.847	.871	.902	.921	.944	.956	.967	10000

14Q7

14Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	17.4	14.7	14.0	13.3	12.9	12.6	12.3	12.2	12.1	11.9	11.6	11.4	11.3	11.1	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.4	10.3	Adj VW
psi	17	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	psi
HOB	270	639	872	1219	1610	1921	2266	2490	2693	3264	3732	4490	5106	5632	6095	6708	7575	8313	8992	10075	11020	12591	13891	15524	HOB
WR	779	2124	2936	4026	5166	6037	6977	7576	8116	9612	10817	12746	14297	15614	16767	18287	20430	22246	23837	26561	28866	32693	35851	39813	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.974	.994	.995	.996	.996	.996	.996																		200
400	.832	.987	.992	.994	.995	.995	.996	.999	.996	.996	.996	.996	.996												400
600	.619	.966	.984	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996								600
800	.445	.926	.969	.985	.991	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					800
1000	.324	.865	.944	.976	.986	.999	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		1000
1200	.242	.790	.907	.961	.979	.965	.989	.990	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.966	.996	.996	.996	.966	1200
1400	.187	.711	.860	.940	.970	.979	.995	.997	.989	.991	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.999	.996	.996	1400
1600	.149	.633	.807	.914	.957	.971	.980	.983	.996	.989	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1600
1800	.119	.361	.750	.692	.940	.961	.973	.979	.981	.987	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1800
2000	.099	.496	.692	.845	.920	.946	.965	.972	.976	.984	.987	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.999	.996	2000
2500	.064	.366	.556	.743	.955	.904	.935	.949	.957	.973	.980	.986	.996	.990	.991	.992	.993	.994	.964	.964	.995	.995	.995	.965	2500
3000	.045	.279	.447	.639	.777	.845	.893	.915	.929	.956	.969	.979	.984	.986	.988	.990	.991	.992	.993	.994	.994	.995	.995	.965	3000
3500	.034	.217	.361	.545	.695	.778	.841	.871	.893	.932	.951	.969	.977	.981	.984	.986	.989	.990	.991	.992	.993	.994	.994	.995	3500
4000	.026	.172	.295	.464	.616	.708	.783	.821	.849	.902	.929	.955	.967	.974	.976	.992	.986	.969	.989	.991	.992	.993	.994	.994	4000
5000	.017	.115	.205	.340	.479	.575	.662	.710	.747	.927	.871	.917	.940	.953	.961	.969	.977	.981	.984	.987	.996	.991	.992	.963	5000
6000	.012	.082	.149	.256	.375	.464	.552	.602	.644	.740	.799	.965	.900	.921	.936	.949	.963	.970	.975	.991	.984	.987	.989	.991	6000
7000	.009	.061	.112	.196	.296	.376	.459	.509	.550	.653	.721	.803	.851	.981	.902	.922	.943	.955	.993	.972	.977	.983	.986	.988	7000
8000	.007	.047	.098	.156	.240	.308	.382	.429	.469	.572	.644	.737	.795	.833	.860	.889	.917	.935	.946	.960	.966	.977	.981	.985	8000
9000	.005	.039	.070	.127	.197	.256	.321	.363	.401	.499	.572	.671	.736	.781	.813	.849	.886	.910	.925	.945	.956	.969	.975	.991	9000
10000	.004	.031	.057	.104	.164	.215	.272	.310	.344	.437	.507	.609	.677	.726	.764	.905	.851	.880	.900	.926	.941	.959	.967	.975	10000

14Q8

14Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	17.8	14.8	14.0	13.2	12.6	12.2	11.9	11.7	11.6	11.2	11.0	10.6	10.4	10.3	10.1	10.0	9.6	9.7	9.6	9.4	9.3	9.2	9.0	8.9	Adj VN
psi	19	6	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	psi
HOB	268	634	872	1249	1694	2061	2478	2754	3006	3731	4335	5334	6158	6870	7502	8344	9545	10575	11485	13055	14395	16636	18499	20605	HOB
WR	760	2094	2936	4096	5337	6303	7361	8044	8659	10388	11799	14083	15937	17523	18923	20771	23393	25626	27590	30965	33833	38611	42568	47545	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	CEP
200	.972	.994	.995	.996	.996	.996																			200
400	.822	.986	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996													400
600	.604	.965	.984	.991	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996									600
800	.430	.923	.969	.986	.991	.993	.994	.994	.994	.995	.995	.936	.996	.996	.996	.996	.996	.996	.996						800
1000	.312	.860	.944	.977	.987	.990	.992	.993	.993	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996				1000
1200	.233	.783	.907	.963	.981	.986	.990	.991	.992	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		1200
1400	.179	.702	.860	.943	.972	.981	.987	.989	.990	.592	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1400
1600	.141	.624	.807	.918	.960	.974	.982	.985	.987	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	1600
1800	.114	.552	.750	.887	.945	.965	.977	.981	.984	.989	.991	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	1800
2000	.094	.487	.692	.852	.927	.954	.970	.976	.980	.986	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	2000
2500	.061	.361	.558	.752	.867	.914	.944	.956	.964	.977	.983	.988	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	2500
3000	.043	.273	.447	.650	.793	.861	.908	.928	.941	.964	.974	.983	.987	.989	.990	.991	.993	.993	.994	.994	.995	.995	.995	.995	3000
3500	.032	.211	.361	.556	.713	.798	.861	.890	.910	.945	.962	.976	.982	.985	.987	.989	.991	.992	.993	.994	.994	.995	.995	.995	3500
4000	.025	.188	.295	.474	.636	.731	.808	.845	.871	.921	.945	.966	.975	.980	.983	.986	.989	.990	.991	.993	.993	.994	.994	.995	4000
5000	.016	.112	.205	.349	.499	.601	.694	.742	.780	.857	.897	.937	.955	.965	.972	.977	.983	.986	.988	.990	.991	.993	.993	.994	5000
6000	.011	.080	.149	.263	.393	.490	.585	.639	.682	.780	.836	.896	.926	.943	.954	.964	.974	.979	.982	.986	.988	.990	.992	.993	6000
7000	.008	.059	.112	.204	.313	.400	.490	.544	.590	.698	.766	.845	.887	.913	.929	.945	.961	.969	.974	.981	.984	.988	.990	.991	7000
8000	.006	.046	.088	.161	.253	.329	.412	.463	.508	.619	.695	.789	.841	.875	.898	.921	.943	.956	.964	.973	.978	.984	.987	.989	8000
9000	.005	.037	.070	.131	.208	.274	.348	.396	.437	.547	.625	.727	.790	.832	.861	.891	.921	.939	.950	.964	.971	.979	.983	.987	9000
10000	.004	.030	.057	.108	.174	.231	.297	.340	.378	.483	.561	.668	.737	.785	.820	.857	.895	.918	.933	.951	.962	.973	.979	.983	10000

14Q9

15Q4

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	16.8	15.3	15.0	14.7	14.6	14.5	14.4	14.3	14.3	14.2	14.1	14.1	14.0	14.0	14.0	14.0	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.8	Adj VN
psi	13	8	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	psi
HOB	273	606	768	1013	1240	1411	1593	1709	1811	2094	2321	2680	2966	3209	3421	3699	4090	4420	4709	5203	5620	6311	6880	7593	HOB
WR	812	1984	2581	3365	4151	4736	5357	5749	6098	7056	7819	9028	9992	10806	11518	12450	13760	14966	15833	17485	18879	21189	23091	25474	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.976	.994	.995	.995	.996	.996	.996	.996	.996	.996															200
400	.848	.985	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996								400
600	.644	.959	.979	.988	.991	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996			600
800	.469	.910	.957	.978	.986	.989	.991	.992	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.344	.840	.920	.961	.977	.983	.987	.989	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	1000
1200	.259	.757	.869	.936	.964	.974	.981	.984	.986	.989	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1200
1400	.200	.672	.809	.902	.945	.962	.972	.977	.980	.985	.988	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	1400
1600	.159	.591	.744	.861	.921	.945	.961	.968	.972	.980	.984	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	1600
1800	.128	.519	.678	.815	.891	.924	.946	.955	.962	.974	.980	.985	.988	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	1800
2000	.106	.455	.616	.766	.857	.898	.928	.940	.949	.966	.974	.981	.985	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	2000
2500	.070	.333	.479	.641	.759	.821	.868	.890	.906	.937	.953	.968	.975	.980	.982	.985	.988	.989	.990	.992	.992	.993	.994	.994	2500
3000	.049	.250	.375	.529	.657	.732	.794	.825	.849	.897	.922	.948	.960	.968	.973	.977	.982	.985	.987	.989	.990	.992	.993	.993	3000
3500	.036	.193	.297	.437	.564	.644	.715	.753	.783	.846	.881	.920	.939	.951	.959	.967	.974	.979	.982	.985	.987	.990	.991	.992	3500
4000	.028	.153	.240	.363	.482	.563	.638	.680	.713	.788	.834	.885	.912	.929	.941	.952	.964	.970	.975	.980	.983	.987	.989	.990	4000
5000	.018	.102	.164	.257	.356	.428	.501	.545	.581	.669	.727	.799	.842	.871	.891	.911	.933	.946	.954	.965	.971	.979	.982	.986	5000
6000	.013	.072	.118	.189	.269	.330	.395	.435	.470	.558	.621	.705	.760	.798	.826	.857	.889	.910	.924	.943	.954	.966	.973	.979	6000
7000	.009	.054	.089	.144	.208	.259	.315	.350	.382	.465	.527	.615	.676	.720	.754	.792	.836	.865	.885	.912	.929	.940	.959	.969	7000
8000	.007	.041	.069	.113	.165	.208	.255	.286	.313	.388	.447	.533	.595	.643	.681	.725	.776	.812	.839	.874	.897	.925	.941	.955	8000
9000	.006	.033	.055	.091	.134	.169	.210	.236	.260	.327	.380	.462	.523	.571	.610	.657	.715	.756	.787	.831	.860	.897	.918	.938	9000
10000	.005	.027	.045	.074	.110	.140	.175	.198	.218	.277	.325	.401	.460	.507	.546	.594	.654	.699	.734	.784	.819	.864	.891	.917	10000

15Q4

15Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	17.7	15.5	15.0	14.6	14.3	14.1	13.9	13.8	13.8	13.6	13.5	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	13.0	12.9	12.9	12.8	Adj VN
psi	18	8	7	6	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	psi
HOB	269	604	768	1029	1282	1476	1686	1820	1941	2275	2544	2974	3319	3612	3869	4207	4683	5085	5438	6041	6552	7398	8097	8972	HOB
WR	766	1952	2581	3442	4316	4972	5672	6115	6510	7598	9467	9848	10951	11883	12699	13769	15273	16543	17655	19555	21160	23819	26010	28756	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.972	.994	.995	.996	.996	.996	.996	.996	.996																200
400	.825	.984	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996									400
600	.609	.959	.979	.989	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				600
800	.434	.906	.957	.979	.987	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.315	.833	.920	.964	.979	.985	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	1000
1200	.235	.748	.869	.940	.968	.977	.983	.986	.987	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1200
1400	.181	.662	.809	.908	.951	.967	.976	.980	.983	.987	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1400
1600	.143	.581	.744	.869	.929	.952	.966	.972	.976	.983	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	1600
1800	.115	.509	.678	.825	.902	.933	.954	.962	.968	.978	.983	.988	.990	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	1800
2000	.095	.446	.616	.777	.870	.911	.938	.950	.958	.972	.978	.985	.988	.999	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	2000
2500	.062	.325	.479	.654	.778	.841	.886	.907	.922	.949	.962	.974	.980	.993	.986	.999	.990	.991	.992	.993	.993	.994	.994	.995	2500
3000	.044	.243	.375	.543	.680	.758	.820	.850	.872	.915	.937	.959	.969	.975	.979	.992	.986	.998	.989	.991	.992	.993	.993	.994	3000
3500	.032	.187	.297	.450	.588	.673	.746	.784	.813	.872	.904	.937	.953	.962	.968	.974	.980	.983	.985	.988	.990	.991	.992	.993	3500
4000	.025	.148	.240	.375	.506	.593	.672	.715	.748	.822	.864	.909	.932	.946	.955	.964	.972	.977	.980	.984	.987	.989	.991	.992	4000
5000	.016	.098	.164	.267	.377	.457	.536	.583	.621	.711	.769	.837	.875	.899	.916	.933	.950	.960	.968	.974	.978	.984	.986	.989	5000
6000	.011	.070	.118	.197	.286	.355	.427	.471	.509	.604	.669	.753	.804	.839	.864	.890	.917	.933	.944	.958	.966	.975	.980	.984	6000
7000	.008	.052	.089	.150	.222	.280	.343	.383	.418	.509	.576	.667	.727	.770	.802	.836	.874	.898	.914	.935	.948	.962	.970	.977	7000
8000	.006	.040	.069	.118	.177	.225	.280	.314	.346	.430	.494	.587	.651	.699	.735	.777	.824	.855	.878	.907	.925	.946	.958	.968	8000
9000	.005	.032	.055	.095	.144	.184	.231	.261	.289	.365	.424	.514	.579	.629	.669	.715	.770	.807	.835	.872	.896	.925	.941	.955	9000
10000	.004	.026	.045	.078	.119	.153	.193	.219	.243	.311	.366	.451	.515	.565	.606	.654	.714	.757	.789	.834	.863	.900	.921	.940	10000

15Q6

15Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.1	15.6	15.0	14.5	14.1	13.8	13.6	13.5	13.5	13.3	13.1	13.0	12.9	12.9	12.7	12.7	12.6	12.5	12.5	12.4	12.4	12.3	12.2	12.2	Adj VN
psi	21	9	7	6	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	psi
HOB	267	603	799	1039	1312	1525	1758	1909	2044	2423	2731	3226	3625	3965	4264	4657	5213	5684	6099	6906	7406	8402	9225	10257	HOB
WR	745	1935	2581	3499	4419	5122	5877	6356	6784	7966	8915	10424	11632	12655	13551	14727	19392	17782	19007	21101	22972	25907	29226	31259	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.970	.994	.995	.996	.996	.996	.996	.996	.996																200
400	.813	.984	.991	.993	.995	.995	.995	.995	.996	.999	.996	.999	.996	.996	.996										400
600	.592	.957	.979	.989	.992	.993	.994	.994	.995	.995	.995	.996	.999	.996	.999	.996	.999	.996	.999	.996					600
800	.418	.904	.957	.980	.988	.990	.992	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996		800
1000	.302	.830	.920	.965	.981	.986	.999	.990	.991	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.999	.996	.996	.999	.999	1000
1200	.225	.744	.869	.942	.970	.979	.984	.987	.999	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.999	1200
1400	.173	.657	.809	.911	.954	.969	.979	.992	.984	.998	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.999	.996	1400
1600	.136	.576	.744	.874	.933	.956	.969	.975	.979	.985	.999	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.999	.996	1600
1800	.110	.504	.679	.830	.908	.939	.958	.966	.971	.991	.995	.999	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	1800
2000	.090	.441	.616	.783	.879	.916	.944	.955	.962	.975	.981	.986	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	2000
2500	.059	.321	.479	.662	.799	.952	.996	.916	.930	.955	.967	.979	.983	.995	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	2500
3000	.041	.240	.375	.551	.694	.773	.834	.864	.985	.926	.946	.995	.973	.979	.981	.995	.987	.989	.990	.992	.992	.993	.994	.994	3000
3500	.031	.185	.297	.459	.602	.690	.764	.802	.830	.987	.917	.946	.960	.969	.973	.979	.993	.996	.987	.989	.991	.992	.993	.994	3500
4000	.024	.146	.240	.382	.520	.611	.692	.736	.769	.841	.881	.922	.942	.954	.962	.970	.977	.981	.983	.987	.989	.991	.992	.993	4000
5000	.015	.097	.164	.272	.399	.474	.556	.606	.646	.737	.794	.856	.893	.915	.930	.944	.959	.967	.972	.979	.992	.986	.988	.990	5000
6000	.011	.069	.119	.201	.297	.371	.449	.495	.534	.633	.699	.781	.830	.862	.995	.909	.931	.945	.954	.966	.972	.979	.983	.986	6000
7000	.008	.051	.089	.154	.231	.294	.362	.404	.442	.538	.607	.700	.759	.800	.930	.861	.895	.916	.930	.948	.958	.970	.976	.981	7000
8000	.006	.039	.059	.121	.184	.237	.296	.333	.367	.459	.525	.621	.686	.733	.769	.809	.952	.860	.899	.924	.939	.957	.969	.974	8000
9000	.005	.031	.055	.097	.150	.194	.245	.278	.309	.390	.454	.549	.616	.667	.706	.751	.803	.839	.863	.896	.916	.940	.953	.964	9000
10000	.004	.026	.045	.080	.124	.161	.205	.234	.260	.335	.394	.485	.552	.604	.645	.694	.752	.792	.822	.962	.989	.920	.937	.953	10000

15Q7

15Q9

15Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	18.8	15.8	15.0	14.2	13.6	13.2	12.9	12.7	12.6	12.2	12.0	11.6	11.4	11.3	11.1	11.0	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.9	Adj VN
psi	27	9	7	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	psi
HOB	263	600	768	1069	1406	1688	2011	2226	2424	2995	3475	4271	4931	5503	6013	6692	7663	8497	9236	10511	11601	13427	14945	16862	HOB
WR	708	1899	2581	3601	4692	5542	6472	7072	7613	9133	10373	12381	14011	15406	16616	18262	20567	22530	24257	27224	29746	33946	37425	41800	WR
CEP	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PD	PO	PD	PO	PO	PO	PO	CEP
200	.966	.994	.995	.996	.996	.996	.996	.996																	200
400	.790	.983	.991	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996												400
600	.560	.954	.979	.989	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996								600
800	.390	.899	.957	.981	.989	.991	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					800
1000	.279	.822	.920	.968	.983	.988	.991	.992	.992	.994	.994	.995	.995	.995	.995	.996	.998	.996	.995	.996	.996	.996			1000
1200	.206	.734	.869	.947	.974	.982	.987	.989	.990	.992	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	1200
1400	.158	.646	.809	.919	.961	.975	.982	.985	.987	.991	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	1400
1600	.124	.564	.744	.884	.944	.964	.976	.981	.983	.988	.991	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	1600
1800	.100	.492	.678	.843	.922	.951	.968	.974	.978	.986	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1800
2000	.082	.430	.616	.798	.896	.934	.957	.966	.972	.982	.986	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	2000
2500	.053	.312	.479	.681	.817	.879	.920	.938	.949	.969	.977	.985	.988	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	2500
3000	.038	.233	.375	.571	.727	.810	.870	.897	.916	.949	.964	.977	.983	.986	.988	.990	.991	.992	.993	.994	.994	.995	.995	.995	3000
3500	.028	.179	.297	.477	.639	.734	.810	.847	.873	.922	.945	.966	.975	.980	.983	.986	.989	.990	.991	.993	.993	.994	.994	.995	3500
4000	.021	.141	.240	.400	.557	.658	.745	.790	.823	.888	.921	.951	.965	.973	.978	.982	.986	.988	.990	.991	.992	.993	.994	.994	4000
5000	.014	.094	.164	.287	.423	.522	.617	.670	.712	.805	.856	.910	.936	.951	.960	.969	.977	.981	.984	.987	.989	.991	.992	.993	5000
6000	.010	.066	.118	.213	.326	.414	.505	.560	.605	.712	.779	.854	.895	.919	.934	.949	.963	.971	.976	.982	.985	.988	.990	.992	6000
7000	.007	.049	.089	.163	.255	.332	.415	.466	.511	.622	.697	.790	.843	.877	.899	.922	.944	.956	.964	.974	.979	.984	.987	.989	7000
8000	.005	.038	.069	.128	.204	.269	.343	.390	.431	.540	.618	.721	.785	.828	.857	.888	.919	.937	.949	.962	.970	.979	.983	.986	8000
9000	.004	.030	.055	.103	.167	.222	.286	.328	.366	.469	.546	.654	.725	.774	.810	.848	.888	.913	.929	.948	.959	.971	.978	.983	9000
10000	.003	.025	.045	.085	.138	.185	.241	.278	.312	.408	.482	.590	.665	.719	.760	.805	.853	.884	.905	.931	.946	.962	.971	.978	10000

16Q6

16Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	18.7	16.5	16.0	15.6	15.3	15.1	14.9	14.8	14.8	14.6	14.5	14.4	14.3	14.3	14.2	14.2	14.1	14.1	14.0	14.0	14.0	13.9	13.9	13.8	Adj VN
psi	26	12	10	8	8	7	7	6	6	6	5	6	5	5	5	5	5	5	5	5	5	5	5	4	psi
HOB	264	593	754	958	1161	1312	1518	1628	1727	2001	2223	2577	2861	3103	3315	3593	3985	4317	4608	5106	5527	6226	6803	7526	HOB
WR	713	1796	2359	3085	3819	4368	4987	5376	5723	6680	7444	8658	9628	10447	11165	12106	13428	14545	15522	17192	18603	20941	22868	25281	WR
CEP	PD	PO	PO	PO	PD	PO	PD	PO	PO	PO	PO	PO	PD	PO	PO	PD	PD	PD	PO	PD	PD	PO	PO	PO	CEP
200	.967	.994	.995	.995	.996	.996	.996	.996	.996	.996															200
400	.793	.981	.989	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996								400
600	.565	.947	.974	.986	.990	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996			600
800	.394	.883	.944	.973	.984	.987	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	800
1000	.282	.797	.897	.951	.972	.980	.985	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	1000
1200	.209	.703	.836	.919	.955	.969	.978	.981	.984	.988	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1200
1400	.160	.612	.766	.877	.931	.952	.967	.973	.977	.984	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	1400
1600	.126	.530	.694	.828	.901	.931	.952	.961	.967	.978	.983	.987	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	1600
1800	.101	.459	.625	.775	.864	.905	.934	.946	.955	.970	.977	.984	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	1800
2000	.083	.398	.560	.720	.824	.874	.912	.928	.940	.961	.970	.980	.984	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	2000
2500	.054	.285	.426	.588	.714	.784	.842	.869	.889	.927	.946	.964	.973	.978	.981	.984	.987	.989	.990	.991	.992	.993	.994	.994	2500
3000	.038	.212	.328	.477	.607	.687	.759	.796	.824	.880	.911	.941	.956	.965	.970	.976	.981	.984	.986	.989	.990	.992	.992	.993	3000
3500	.028	.162	.258	.388	.512	.595	.675	.717	.751	.824	.865	.910	.933	.946	.955	.964	.973	.978	.981	.985	.987	.989	.991	.992	3500
4000	.022	.127	.206	.319	.433	.513	.594	.640	.677	.762	.813	.871	.903	.922	.935	.948	.961	.963	.973	.979	.983	.986	.988	.990	4000
5000	.014	.084	.139	.223	.314	.383	.458	.504	.542	.636	.700	.780	.827	.859	.881	.904	.928	.942	.952	.964	.970	.978	.982	.985	5000
6000	.010	.060	.100	.163	.235	.291	.356	.397	.432	.525	.591	.682	.741	.782	.813	.846	.882	.905	.920	.940	.952	.965	.972	.978	6000
7000	.007	.044	.075	.123	.180	.227	.282	.317	.348	.433	.497	.590	.654	.701	.738	.779	.826	.857	.879	.908	.926	.947	.958	.968	7000
8000	.005	.034	.058	.096	.142	.181	.227	.256	.284	.359	.418	.508	.573	.623	.662	.709	.764	.803	.831	.869	.893	.923	.939	.954	8000
9000	.004	.027	.046	.077	.115	.147	.185	.211	.234	.300	.354	.437	.500	.550	.591	.641	.701	.745	.778	.824	.855	.894	.916	.936	9000
10000	.004	.022	.038	.063	.095	.121	.154	.176	.196	.254	.302	.378	.439	.486	.527	.576	.639	.687	.723	.776	.813	.860	.888	.915	10000

16Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VW	19.1	16.6	16.0	15.5	15.1	14.8	14.6	14.5	14.5	14.3	14.1	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.2	Adj VW
psi	30	12	10	8	7	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	psi
HOB	262	592	754	960	1165	1364	1549	1669	1777	2080	2326	2723	3043	3316	3557	3873	4320	4700	5033	5604	6088	6892	7558	8390	HOB
WR	693	1780	2359	3113	3881	4504	5167	5588	5964	7004	7838	9165	10227	11126	11914	12948	14403	15634	16711	18552	20109	22689	24816	27482	WR
CEP	PO	PD	PD	PD	PD	PD	PO	PD	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	PD	PO	PO	CEP
200	.964	.994	.995	.995	.996	.996	.996	.996	.996	.996															200
400	.780	.981	.989	.993	.994	.995	.995	.995	.995	.986	.996	.996	.996	.996	.996	.996	.996								400
600	.548	.945	.974	.986	.991	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.986				600
800	.379	.880	.944	.974	.984	.988	.991	.992	.992	.993	.994	.995	.995	.995	.995	.995	.996	.998	.996	.998	.996	.996	.996	.996	800
1000	.270	.793	.897	.952	.973	.981	.986	.988	.989	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.986	.986	.986	.986	1000
1200	.199	.698	.836	.921	.957	.971	.979	.983	.985	.989	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.986	.986	1200
1400	.152	.607	.766	.880	.934	.956	.970	.975	.979	.985	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1400
1600	.119	.525	.694	.832	.905	.937	.957	.965	.970	.980	.984	.988	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	1600
1800	.096	.454	.625	.779	.870	.913	.940	.952	.960	.974	.980	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1800
2000	.079	.393	.560	.725	.831	.884	.920	.936	.946	.965	.974	.982	.986	.988	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	2000
2500	.051	.282	.428	.594	.723	.798	.855	.882	.900	.936	.953	.969	.977	.981	.984	.986	.989	.990	.991	.992	.993	.994	.994	.995	2500
3000	.036	.209	.328	.482	.617	.705	.777	.813	.840	.894	.922	.950	.983	.970	.975	.979	.994	.986	.988	.990	.991	.992	.993	.994	3000
3500	.027	.159	.258	.393	.522	.614	.695	.738	.772	.843	.882	.923	.943	.955	.963	.970	.977	.981	.984	.987	.989	.991	.992	.993	3500
4000	.021	.125	.206	.323	.442	.532	.616	.653	.701	.785	.835	.889	.918	.935	.946	.957	.968	.974	.978	.983	.985	.988	.990	.991	4000
5000	.013	.083	.139	.226	.322	.400	.480	.527	.567	.665	.728	.806	.851	.880	.900	.920	.941	.953	.961	.970	.976	.982	.985	.988	5000
6000	.009	.059	.100	.165	.241	.306	.375	.419	.457	.554	.623	.714	.772	.811	.840	.870	.902	.922	.935	.951	.961	.972	.977	.982	6000
7000	.007	.044	.075	.125	.185	.239	.298	.336	.370	.460	.528	.824	.689	.736	.771	.810	.853	.881	.901	.925	.940	.957	.966	.974	7000
8000	.005	.034	.058	.098	.147	.190	.240	.273	.303	.384	.448	.542	.810	.660	.700	.746	.798	.834	.859	.893	.914	.938	.952	.983	8000
9000	.004	.027	.046	.078	.118	.155	.197	.225	.251	.323	.381	.471	.537	.589	.631	.880	.740	.781	.812	.854	.881	.914	.933	.950	9000
10000	.003	.022	.038	.064	.097	.128	.184	.188	.210	.274	.327	.410	.473	.524	.566	.618	.681	.727	.762	.812	.945	.886	.911	.932	10000

16Q7

16Q8

KT	1	10	20	40	70	100	140	170	20C	300	400	800	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.4	16.7	16.0	15.3	14.9	14.6	14.3	14.2	14.1	13.8	13.6	13.4	13.3	13.1	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.4	12.3	Adj VN
psi	35	13	10	8	7	8	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	psi
HOB	260	590	754	962	1210	1395	1603	1739	1862	2213	2503	2976	3362	3893	3985	4372	4922	5390	5803	8512	7115	8119	8950	9996	HOB
WR	875	1767	2359	3144	3993	4666	5393	5858	6274	7429	8361	9852	11051	12069	12960	14135	15791	17195	18425	20530	22313	25270	27711	30774	WR
CEP	PD	PD	PO	PD	PD	PO	PD	PD	PO	PO	PO	PO	PO	PO	PO	PD	PO	PO	PD	PD	PD	PO	PD	PD	CEP
200	.962	.994	.995	.995	.996	.996	.996	.996	.996																200
400	.767	.981	.989	.993	.994	.995	.995	.995	.995	.996	.996	.996	.998	.996	.996	.996									400
600	.532	.944	.974	.986	.991	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					600
800	.365	.878	.944	.974	.985	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.998	.996	.996	.996	.996		800
1000	.259	.789	.897	.953	.975	.963	.987	.989	.990	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.986	.996	.996	.996	.996	1000
1200	.190	.693	.836	.923	.96C	.974	.981	.984	.986	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.986	.996	.996	.996	.996	1200
1400	.145	.602	.766	.883	.939	.S6C	.973	978	.981	.987	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1400
1600	.114	.520	.694	.836	.912	.943	.982	.969	.974	.983	.986	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.986	.996	1600
1800	.091	.449	.625	.784	.879	.921	.947	.958	.965	.977	.983	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.986	1800
2000	.075	.389	.560	.730	.842	.894	.929	.943	.953	.970	.978	.985	.988	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	2000
2500	.049	.278	.426	.600	.739	.814	.870	.895	.913	.946	.961	.974	.981	.984	.986	.988	.990	.991	.992	.993	.994	.994	.995	.995	2500
3000	.034	.206	.328	.488	.634	.724	.797	.833	.859	.910	.935	.959	.970	.976	.979	.983	.987	.989	.990	.991	.992	.993	.994	.994	3000
3500	.025	.157	.258	.398	.540	.635	.719	.763	.796	.865	.901	.937	.954	.964	.970	.976	.981	.985	.987	.989	.990	.992	.993	.993	3500
4000	.020	.124	.206	.328	.459	.554	.642	.690	.729	.812	.859	.909	.933	.948	.957	.966	.974	.979	.982	.986	.988	.990	.991	.993	4000
5000	.013	.082	.139	.230	.336	.420	.506	.556	.598	.699	.762	.837	.878	.904	.921	.938	.954	.964	.970	.977	.981	.985	.988	.990	5000
6000	.009	.058	.100	.168	.252	.323	.399	.446	.487	.590	.682	.753	.808	.845	.871	.897	.924	.940	.950	.963	.970	.978	.982	.986	6000
7000	.006	.043	.075	.127	.195	.253	.318	.360	.397	.496	.568	.887	.732	.778	.811	.846	.884	.908	.924	.944	[illegible]	.968	.975	.980	7000
8000	.005	.033	.058	.100	.154	.202	.258	.294	.327	.417	.486	.587	.856	.707	.746	.789	.838	.869	.891	.918	.935	.954	.964	.973	8000
9000	.004	.028	.046	.080	.125	.165	.212	.243	.272	.353	.417	.515	.585	.639	.681	.729	.786	.824	.852	.888	.910	.936	.951	.963	9000
10000	.003	.021	.038	.065	.103	.137	.177	.204	.229	.301	.380	.451	.520	.574	.618	.670	.732	.776	.809	.853	.881	.915	.934	.951	10000

16Q8

16Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	19.8	16.8	16.0	15.2	14.6	14.2	13.9	13.7	13.6	13.2	13.0	12.6	12.4	12.3	12.1	12.0	11.8	11.7	11.6	11.4	11.3	11.2	11.0	10.9	Adj VN
psi	39	13	10	7	6	5	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	psi
HOB	258	589	754	964	1235	1447	1692	1857	2009	2450	2824	3448	3969	4421	4825	5365	6139	6905	7396	8418	9293	10760	11982	13527	HOB
WR	659	1752	2359	3181	4125	4872	5690	6218	6693	8030	9120	10885	12319	13545	14626	16055	18082	19808	21326	23935	26152	29845	32903	36750	WR
CEP	PO	PO	PD	PD	PO	PO	PO	PD	PO	PD	PD	PD	PD	PD	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.959	.993	.995	.995	.996	.996	.996	.996	.996																200
400	.755	.980	.989	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996											400
600	.516	.943	.974	.997	.991	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						600
800	.352	.875	.944	.975	.966	.990	.992	.993	.993	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996				800
1000	.248	.765	.897	.955	.977	.984	.988	.990	.991	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996		1000
1200	.182	.669	.636	.925	.964	.976	.983	.986	.988	.991	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	1200
1400	.139	.597	.766	.867	.944	.965	.976	.981	.984	[illegible]	.991	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	1400
1600	.109	.515	.694	.840	.919	.949	.967	.973	.973	[illegible]	.968	.991	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1600
1800	.087	.444	.625	.789	.689	.930	.954	.964	.970	.981	.986	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.998	.996	1800
2000	.072	.365	.560	.736	.654	.906	.939	.952	.961	.975	.982	.987	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	2000
2500	.047	.275	.426	.607	.756	.832	.887	.911	.927	.956	.969	.980	.985	.987	.989	.990	.992	.993	.993	.994	.994	.995	.995	.995	2500
3000	.033	.203	.328	.495	.654	.747	.821	.856	.881	.927	.949	.968	.977	.981	.984	.987	.989	.991	.992	.993	.993	.994	.995	.995	3000
3500	.024	.155	.256	.405	.560	.661	.748	.792	.825	.889	.922	.952	.966	.973	.978	.982	.986	.968	.990	.991	.992	.993	.994	.994	3500
4000	.019	.122	.206	.334	.478	.580	.674	.724	.763	.844	.888	.931	.951	.962	.969	.976	.982	.985	.987	.989	.991	.992	.993	.994	4000
5000	.012	.060	.139	.234	.353	.445	.538	.593	.638	.741	.804	.873	.909	.930	.943	.956	.968	.975	.979	.984	.986	.989	.991	.992	5000
6000	.008	.057	.100	.172	.266	.344	.429	.481	.526	.637	.712	.802	.853	.885	.906	.927	.948	.959	.967	.975	.980	.985	.988	.990	6000
7000	.006	.042	.075	.130	.206	.271	.345	.392	.434	.543	.621	.724	.787	.829	.859	.889	.920	.938	.949	.963	.971	.979	.983	.986	7000
8000	.005	.033	.058	.102	.163	.218	.281	.322	.360	.462	.539	.647	.719	.769	.805	.844	.865	.910	.927	.947	.958	.971	.977	.982	8000
9000	.004	.026	.046	.062	.132	.178	.232	.268	.301	.395	.468	.576	.551	.706	.749	.794	.844	.877	.899	.926	.942	.960	.969	.977	9000
10000	.003	.021	.038	.067	.109	.148	.194	.226	.255	.339	.407	.511	.587	.645	.590	.741	.600	.839	.866	.901	.923	.946	.959	.969	10000

17Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	20.1	17.6	17.0	16.5	16.1	15.8	15.6	15.5	15.5	15.3	15.1	15.0	14.9	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	Adj VN
psi	44	16	14	12	10	9	9	6	8	8	7	7	7	8	6	6	8	6	6	6	5	5	5	5	psi
HOB	256	580	740	942	1143	1293	1452	1552	1641	1886	2081	2459	2725	2952	3152	3414	3786	4102	4379	4854	5256	5925	6478	7172	HOB
WR	646	1657	2181	2863	3562	4088	4649	5006	5323	6199	6900	8057	8991	9782	10475	11384	12683	13745	14692	16311	17679	19948	21818	24162	WR
CEP	PD	PD	PO	PD	PD	PD	PD	PO	PO	PO	PO	PD	PD	PO	PO	PO	PO	PD	PD	PD	PD	PD	PO	PO	CEP
200	.957	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996														200
400	.744	.977	.987	.992	.994	.994	.995	.995	.995	.995	.998	.996	.998	.996	.996	.996	.996	.996							400
600	.504	.933	.969	.984	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996			600
800	.341	.856	.931	.967	.981	.986	.989	.990	.991	.993	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.998	.996	800
1000	.240	.758	.874	.940	.967	.977	.963	.985	.987	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1000
1200	.176	.656	.802	.900	.945	.963	.973	.978	.961	.986	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1200
1400	.134	.563	.725	.651	.916	.943	.960	.967	.972	.981	.965	.989	.990	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	1400
1600	.105	.481	.649	.795	.880	.917	.942	.953	.960	.973	.979	.985	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1600
1800	.084	.412	.577	.736	.639	.866	.920	.935	.945	.964	.973	.961	.985	.967	.989	.990	.992	.992	.993	.994	.994	.995	.995	.995	1800
2000	.069	.355	.512	.677	.793	.851	.893	.913	.926	.952	.964	.976	.981	.964	.986	.988	.990	.991	.992	.993	.994	.994	.995	.995	2000
2500	.045	.251	.382	.542	.675	.751	.813	.843	.866	.910	.933	.957	.968	.974	.978	.982	.985	.988	.989	.991	.992	.993	.993	.994	2500
3000	.031	.184	.291	.433	.564	.648	.722	.761	.791	.855	.890	.928	.947	.956	.965	.972	.978	.982	.984	.987	.989	.991	.992	.993	3000
3500	.023	.140	.226	.346	.470	.554	.633	.677	.712	.790	.837	.890	.919	.936	.947	.958	.968	.974	.978	.983	.985	.988	.990	.991	3500
4000	.018	.110	.180	.264	.394	.473	.551	.597	.634	.722	.778	.845	.883	.907	.923	.939	.954	.963	.969	.976	.981	.985	.987	.989	4000
5000	.011	.072	.121	.196	.282	.346	.418	.461	.496	.591	.656	.743	.797	.834	.860	.887	.915	.933	.944	.958	.966	.975	.980	.984	5000
6000	.008	.051	.086	.142	.209	.262	.321	.358	.392	.479	.545	.640	.704	.749	.784	.821	.863	.889	.907	.930	.944	.960	.989	.976	6000
7000	.006	.038	.064	.107	.160	.203	.252	.283	.312	.391	.452	.545	.613	.663	.703	.748	.800	.835	.861	.894	.915	.959	.952	.964	7000
8000	.005	.029	.050	.084	.125	.161	.201	.228	.252	.321	.376	.464	.531	.582	.624	.674	.734	.776	.807	.850	.878	.912	.931	.948	8000
9000	.004	.023	.040	.067	.101	.130	.164	.187	.207	.267	.316	.397	.459	.510	.552	.603	.667	.714	.750	.801	.836	.879	.905	.928	9000
10000	.003	.019	.032	.055	.083	.107	.136	.155	.173	.224	.266	.341	.399	.447	.488	.538	.604	.653	.692	.750	.790	.842	.874	.904	10000

17Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	20.8	17.8	17.0	16.2	15.6	15.2	14.9	14.7	14.6	14.2	14.0	13.6	13.4	13.3	13.1	13.0	12.8	12.7	12.6	12.4	12.3	12.2	12.0	11.9	Adj VN
psi	56	19	14	11	9	7	7	6	6	5	5	4	4	4	3	3	3	3	3	3	3	2	2	2	psi
HOB	253	578	740	946	1154	1308	1520	1644	1759	2095	2382	2865	3270	3623	3939	4363	4972	5498	5965	6775	7470	8636	9610	10842	HOB
WR	614	1631	2181	2922	3705	4308	5002	5466	5885	7059	8018	9570	10830	11908	12859	14116	15897	17415	18750	21043	22992	26239	28928	32310	WR
CEP	PD	PO	PO	PO	PO	PD	PO	PO	PO	PO	PO	PO	PD	PO	PO	PO	PO	PO	PO	PO	PO	PD	PO	PO	CEP
200	.950	.993	.995	.995	.996	.996	.996	.996	.996	.996															200
400	.717	.976	.987	.992	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996									400
600	.473	.930	.969	.984	.990	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996					600
800	.316	.850	.931	.969	.982	.987	.990	.991	.992	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996			800
1000	.221	.750	.874	.943	.970	.979	.985	.987	.989	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	1000
1200	.161	.647	.802	.906	.951	.967	[illegible]	.982	.984	.989	.991	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	1200
1400	.122	.553	.725	.859	.925	.951	.967	.974	.978	.985	.988	.991	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1400
1600	.095	.472	.649	.805	.892	.929	.953	.963	.969	.980	.985	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1600
1800	.076	.403	.577	.747	.854	.901	.935	.949	.958	.974	.981	.987	.989	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	1800
2000	.062	.347	.512	689	.811	.870	.912	.931	.944	.966	.975	.984	.987	.989	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	2000
2500	.041	.244	.382	.555	.697	.777	.843	.875	.897	.937	.956	.972	.980	.984	.986	.988	.990	.992	.992	.993	.994	.994	.995	.995	2500
3000	.028	.179	.291	.445	.589	.679	.761	.804	.835	.897	.927	.955	.968	.975	.979	.983	.987	.989	.990	.992	.992	.993	.994	.994	3000
3500	.021	.136	.226	.359	.494	.586	.676	.726	.765	.846	.889	.932	.951	.962	.969	.976	.982	.985	.987	.989	.991	.992	.993	.994	3500
4000	.016	.107	.180	.293	.416	.505	.596	.650	.693	.789	.844	.901	.930	.946	.956	.966	.975	.980	.983	.987	.989	.991	.992	.993	4000
5000	.010	.070	.121	.203	.300	.376	.460	.514	.559	.669	.741	.825	.871	.900	.919	.937	.955	.965	.971	.978	.982	.986	.989	.991	5000
6000	.007	.050	.086	.148	.223	.285	.358	.406	.449	.559	.637	.738	.799	.840	.868	.897	.925	.942	.953	.965	.973	.980	.984	.987	6000
7000	.005	.037	.064	.111	.171	.222	.283	.325	.362	.465	.542	.650	.721	.771	.807	.846	.886	.911	.927	.947	.959	.971	.977	.982	7000
8000	.004	.028	.050	.087	.135	.176	.228	.263	.296	.389	.461	.569	.644	.700	.742	.789	.840	.873	.896	.924	.940	.959	.968	.976	8000
9000	.003	.022	.040	.070	.109	.143	.186	.217	.245	.327	.394	.497	.573	.631	.676	.729	.789	.829	.858	.895	.917	.943	.956	.967	9000
10000	.003	.018	.032	.057	.089	.118	.155	.181	.206	.278	.338	.434	.508	.566	.613	.669	.736	.782	.816	.862	.890	.923	.941	.957	10000

17Q9

18Q2

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	18.9	18.2	18.0	17.9	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	Adj VN
psi	29	22	21	20	19	19	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	psi
HOB	262	374	725	916	1106	1247	1396	1489	1573	1802	1984	2272	2502	2696	2865	3087	3399	3662	3892	4285	4616	5165	5617	6184	HOB
WR	700	1594	2031	2581	3128	3534	3964	4236	4476	5138	5664	6497	7160	7720	8210	8851	9751	10511	11176	12310	13268	14854	16161	17797	WR
CEP	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	CEP
200	.965	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996												200
400	.784	.975	.986	.991	.993	.994	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				400
600	.553	.926	.962	.979	.986	.989	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	600
800	.384	.841	.916	.957	.974	.981	.985	.987	.988	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	800
1000	.274	.738	.848	.920	.953	.966	.975	.979	.981	.986	.988	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	1000
1200	.202	.633	.768	.869	.922	.944	.959	.966	.971	.979	.983	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1200
1400	.154	.539	.685	.809	.881	.915	.938	.948	.956	.969	.976	.983	.986	.988	.989	.990	.992	.992	.993	.993	.994	.994	.995	.995	1400
1600	.121	.458	.605	.744	.834	.878	.910	.925	.936	.956	.966	.976	.981	.984	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	1600
1800	.098	.391	.533	.678	.781	.835	.877	.897	.911	.939	.954	.968	.975	.979	.982	.985	.987	.989	.990	.991	.992	.993	.994	.954	1800
2000	.080	.335	.469	.615	.727	.789	.839	.864	.882	.919	.938	.957	.967	.973	.977	.981	.984	.987	.988	.990	.991	.992	.993	.994	2000
2500	.052	.235	.345	.479	.597	.670	.735	.769	.796	.853	.886	.921	.940	.951	.959	.966	.974	.978	.981	.985	.987	.989	.991	.992	2500
3000	.037	.172	.259	.375	.485	.560	.630	.669	.701	.774	.819	.871	.901	.919	.932	.945	.958	.965	.970	.977	.981	.985	.987	.989	3000
3500	.027	.131	.201	.297	.396	.466	.535	.576	.610	.692	.745	.812	.851	.877	.896	.915	.935	.947	.955	.966	.972	.979	.982	.986	3500
4000	.021	.102	.159	.240	.326	.389	.455	.494	.528	.613	.671	.747	.795	.828	.853	.878	.906	.924	.936	.951	.960	.970	.976	.981	4000
5000	.013	.067	.106	.164	.228	.278	.332	.367	.397	.476	.535	.620	.678	.720	.753	.790	.833	.861	.882	.909	.926	.946	.957	.967	5000
6000	.009	.047	.075	.118	.167	.206	.249	.278	.303	.372	.426	.508	.567	.614	.651	.695	.748	.785	.813	.852	.878	.910	.929	.945	6000
7000	.007	.035	.056	.088	.126	.157	.192	.215	.236	.295	.343	.417	.473	.519	.557	.603	.661	.705	.738	.787	.821	.864	.891	.916	7000
8000	.005	.027	.043	.069	.099	.124	.152	.171	.188	.238	.279	.345	.396	.439	.475	.521	.581	.626	.663	.718	.758	.812	.847	.880	8000
9000	.004	.021	.034	.055	.079	.100	.123	.139	.153	.195	.230	.288	.334	.373	.407	.450	.508	.554	.592	.651	.694	.756	.797	.838	9000
10000	.003	.017	.028	.045	.065	.082	.101	.115	.127	.162	.192	.243	.284	.319	.350	.390	.445	.490	.527	.587	.632	.699	.745	.793	10000

18Q2

18Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	21.1	16.6	16.0	17.5	17.1	16.8	16.6	16.5	16.5	16.3	16.1	16.0	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2	Adj VN
psi	63	26	21	17	15	13	13	12	12	11	10	10	9	9	9	9	6	8	8	8	6	6	7	7	psi
HOB	251	569	725	924	1122	1269	1425	1523	1611	1851	2042	2345	2586	2789	2968	3201	3528	3805	4047	4460	4809	5386	5862	6457	HOB
WR	601	1543	2031	2660	3296	3767	4261	4606	4896	5696	6336	7353	8166	8654	9456	10246	11356	12296	13117	14521	15706	17674	19295	21326	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.947	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.986	.996	.986	.996	200
400	.705	.973	.986	.991	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.998	.996	.996	400
600	.461	.919	.962	.981	.988	.990	.992	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.986	.996	.996	.996	.996	.996	600
800	.306	.828	.916	.960	.977	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.998	.996	.996	.996	800
1000	.213	.720	.848	.926	.959	.971	.979	.982	.984	.988	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.495	.996	.996	.996	1000
1200	.155	.613	.758	.879	.932	.953	.967	.973	.976	.983	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	1200
1400	.118	.519	.685	.822	.897	.928	.950	.959	.965	.976	.962	.986	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1400
1600	.092	.439	.605	.759	.834	.897	.927	.941	.950	.967	.975	.982	.986	.966	.989	.990	.992	.992	.993	.994	.994	.995	.995	.995	1600
1800	.073	.373	.533	.896	.806	.860	.900	.918	.931	.954	.966	.977	.982	.985	.967	.988	.990	.991	.992	.993	.993	.994	.994	.995	1800
2000	.060	.319	.469	.634	.755	.818	.867	.891	.907	.939	.954	.969	.977	.981	.983	.986	.988	.990	.991	.992	.993	.994	.994	.994	2000
2500	.039	.223	.345	.497	.628	.707	.774	.809	.834	.887	.916	.944	.956	.966	.972	.977	.982	.985	.986	.989	.990	.992	.993	.993	2500
3000	.027	.163	.259	.391	.517	.599	.675	.717	.750	.822	.863	.907	.931	.945	.954	.963	.972	.977	.980	.984	.986	.989	.990	.992	3000
3500	.020	.123	.201	.312	.425	.504	.583	.627	.634	.748	.801	.861	.894	.915	.929	.943	.957	.966	.971	.977	.981	.985	.988	.990	3500
4000	.018	.096	.159	.252	.352	.425	.501	.546	.583	.674	.734	.808	.851	.876	.898	.918	.938	.951	.959	.968	.974	.981	.984	.967	4000
5000	.010	.063	.106	.173	.248	.308	.372	.413	.448	.539	.604	.693	.750	.790	.820	.852	.886	.908	.923	.942	.953	.966	.973	.979	5000
6000	.007	.044	.075	.124	.183	.229	.282	.317	.347	.430	.493	.584	.648	.695	.731	.773	.820	.852	.874	.904	.923	.944	.856	.967	6000
7000	.005	.033	.056	.094	.139	.176	.219	.248	.274	.346	.403	.489	.554	.603	.643	.690	.747	.787	.816	.856	.883	.915	.933	.949	7000
8000	.004	.025	.043	.073	.109	.139	.174	.196	.220	.281	.332	.411	.472	.521	.562	.611	.672	.716	.752	.802	.835	.878	.903	.927	8000
9000	.003	.020	.034	.058	.087	.112	.141	.161	.180	.232	.276	.348	.404	.450	.490	.536	.602	.650	.688	.744	.763	.835	.868	.899	9000
10000	.003	.018	.028	.047	.072	.092	.117	.133	.149	.194	.233	.296	.347	.390	.427	.474	.537	.586	.625	.686	.730	.789	.828	.866	10000

18Q7

18Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	21.4	18.7	18.0	17.3	16.9	18.8	16.3	16.2	18.1	15.8	15.6	15.4	15.3	15.1	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.4	14.3	Adj VN
psi	72	27	21	16	14	12	11	11	10	9	[illegible]	6	6	7	7	7	7	6	6	6	6	6	5	5	psi
HOB	249	568	725	926	1126	1276	1434	1534	1623	1867	2061	2370	2615	2823	3004	3337	3699	4009	4262	4752	5152	5819	6372	7066	HOB
WR	586	1531	2031	2682	3346	3851	4398	4746	5056	5917	6609	7713	8598	9349	10007	10926	12206	13291	14242	15869	17247	19533	21420	23787	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.943	.992	.994	.995	.995	.996	.996	.996	.998	.996	.996	.996	.996	.996	.996										200
400	.691	.972	.986	.991	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996						400
600	.446	.917	.982	.981	.988	.990	.992	.993	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		600
800	.294	.825	.916	.961	.976	.964	.988	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	800
1000	.204	.715	.846	.928	.961	.973	.980	.983	.985	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	1000
1200	.148	.608	.768	.881	.935	.956	.969	.975	.978	.985	.988	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1200
1400	.112	.514	.685	.825	.901	.933	.953	.962	.968	.976	.983	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	1400
1600	.067	.434	.605	.763	.859	.903	.933	.945	.954	.970	.977	.964	.987	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	1600
1800	.070	.369	.533	.700	.812	.867	.907	.924	.936	.959	.969	.979	.984	.986	.968	.990	.991	.992	.993	.994	.994	.994	.995	.995	1800
2000	.057	.315	.469	.639	.763	.827	.876	.899	.915	.945	.559	.973	.979	.983	.985	.987	.990	.991	.992	.993	.993	.994	.994	.995	2000
2500	.037	.220	.345	.502	.688	.719	.787	.821	.847	.898	.925	.951	.864	.971	.975	.980	.984	.987	.968	.990	.991	.993	.993	.994	2500
3000	.028	.160	.259	.396	.526	.612	.691	.733	.766	.837	.877	.919	.940	.952	.960	.969	.976	.961	.983	.987	.989	.991	.992	.993	3000
3500	.019	.121	.201	.316	.434	.516	.599	.645	.683	.768	.819	.877	.908	.927	.939	.953	.965	.972	.976	.982	.985	.988	.990	.991	3500
4000	.015	.095	.159	.255	.360	.438	.517	.564	.603	.696	.756	.826	.869	.895	.912	.931	.949	.960	.967	.975	.979	.984	.967	.989	4000
5000	.009	.062	.106	.175	.255	.318	.387	.430	.467	.562	.630	.720	.776	.815	.843	.874	.906	.926	.939	.955	.964	.974	.979	.983	5000
6000	.007	.044	.075	.126	.167	.238	.295	.331	.364	.452	.518	.613	.678	.725	.761	.803	.849	.879	.699	.925	.940	.956	.967	.975	6000
7000	.005	.032	.056	.095	.143	.183	.230	.260	.268	.365	.427	.518	.565	.636	.677	.726	.783	.822	.849	.866	.909	.935	.950	.962	7000
8000	.004	.025	.043	.074	.112	.145	.183	.206	.232	.299	.353	.439	.503	.555	.596	.650	.714	.759	.793	.839	.870	.906	.927	.946	8000
9000	.003	.020	.034	.059	.090	.117	.148	.170	.190	.247	.295	.373	.433	.483	.524	.576	.645	.695	.734	.768	.825	.872	.900	.925	9000
10000	.002	.016	.026	.046	.074	.096	.123	.141	.156	.207	.250	.319	.374	.421	.460	.513	.581	.633	.674	.735	.776	.633	.868	.900	10000

18Q8

18Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	21.8	18.8	18.0	17.2	16.6	16.2	15.9	15.7	15.6	15.2	15.0	14.6	14.4	14.3	14.1	14.0	13.8	13.7	13.6	13.4	13.3	13.2	13.0	12.9	Adj VN
psi	81	28	21	15	12	11	10	9	8	7	7	6	5	5	5	5	4	4	4	4	4	4	3	3	psi
HOB	247	566	725	928	1132	1284	1445	1547	1638	1888	2150	2521	2834	3129	3355	3686	4184	4577	4945	5583	6132	7056	7828	8807	HOB
WR	572	1519	2031	2708	3410	3958	4552	4933	5275	6232	7049	8414	9522	10469	11306	12410	13976	15311	16484	18501	20214	23069	25433	28406	WR
CEP	PO	PD	PO	PO	PD	PD	PO	PO	PD	PO	PD	PD	PO	PO	PD	PO	PD	PO	PO	PD	PO	PO	PO	PD	CEP
200	.939	.992	.994	.995	.996	.996	.996	.996	.996	.996	.996														200
400	.676	.972	.986	.991	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996								400
600	.432	.915	.962	.981	.988	.991	.992	.993	.993	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996				600
800	.283	.822	.916	.962	.979	.985	.988	.990	.991	.993	.993	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	800
1000	.196	.711	.848	.930	.963	.975	.982	.985	.987	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	1000
1200	.142	.604	.768	.884	.930	.959	.972	.977	.980	.986	.989	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1200
1400	.107	.509	.685	.823	.906	.938	.958	.966	.971	.981	.985	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1400
1600	.083	.430	.605	.768	.866	.910	.939	.951	.959	.974	.980	.987	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	1600
1800	.067	.364	.533	.706	.821	.876	.915	.932	.944	.964	.974	.983	.987	.989	.990	.991	.993	.993	.994	.994	.995	.995	.995	.995	1800
2000	.055	.311	.469	.644	.772	.839	.887	.909	.924	.952	.966	.978	.983	.986	.988	.990	.992	.992	.993	.994	.994	.995	.995	.995	2000
2500	.035	.217	.345	.508	.649	.734	.803	.837	.862	.912	.937	.961	.972	.978	.982	.985	.988	.990	.991	.992	.993	.994	.994	.995	2500
3000	.025	.158	.259	.401	.538	.629	.710	.754	.787	.857	.896	.936	.955	.965	.971	.977	.983	.986	.988	.990	.991	.992	.993	.994	3000
3500	.018	.120	.201	.320	.445	.534	.620	.668	.707	.793	.845	.902	.931	.947	.957	.966	.975	.980	.983	.987	.989	.991	.992	.993	3500
4000	.014	.094	.159	.259	.370	.454	.538	.588	.629	.725	.788	.861	.900	.923	.938	.952	.965	.972	.977	.982	.985	.989	.990	.992	4000
5000	.009	.061	.106	.178	.263	.332	.406	.452	.492	.594	.668	.786	.823	.860	.885	.911	.936	.950	.959	.970	.976	.982	.986	.988	5000
6000	.006	.043	.075	.129	.194	.249	.311	.351	.387	.483	.556	.665	.735	.783	.818	.855	.894	.917	.932	.951	.961	.973	.979	.983	6000
7000	.005	.032	.056	.097	.148	.192	.243	.277	.308	.393	.464	.572	.647	.702	.744	.791	.842	.875	.897	.925	.941	.959	.968	.976	7000
8000	.004	.025	.043	.075	.116	.152	.194	.222	.249	.324	.388	.490	.566	.624	.670	.723	.794	.825	.854	.892	.915	.941	.955	.967	8000
9000	.003	.019	.034	.060	.093	.123	.158	.182	.204	.269	.328	.421	.494	.552	.599	.655	.723	.771	.806	.853	.883	.918	.938	.954	9000
10000	.002	.016	.028	.049	.076	.101	.131	.151	.170	.226	.277	.363	.431	.487	.534	.592	.683	.716	.755	.810	.847	.891	.918	.938	10000

18Q9

19Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	22.1	19.6	19.0	18.5	18.1	17.8	17.6	17.5	17.5	17.3	17.1	17.0	16.9	16.8	16.7	16.7	16.6	16.5	16.5	16.4	16.4	16.3	16.2	16.2	Adj VN
psi	90	37	30	24	21	19	18	17	17	16	15	14	14	13	13	13	12	12	12	11	11	11	11	11	psi
HOB	246	558	711	906	1100	1244	1397	1494	1580	1815	2003	2300	2537	2737	2912	3141	3462	3734	3971	4376	4719	5285	5752	8337	HOB
WR	560	1437	1891	2476	3068	3511	3983	4282	4548	5281	5866	6795	7536	8163	8712	9431	10441	11295	12042	13318	14396	16182	17654	19497	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PO	PD	PO	PD	PO	PO	PD	PO	PO	PO	PD	PD	PD	CEP
200	.936	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996													200
400	.665	.968	.983	.990	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996				400
600	.420	.901	.954	.977	.986	.989	.991	.992	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.998	.996	.998	600
800	.274	.797	.898	.951	.973	.980	.985	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	800
1000	.189	.679	.820	.910	.950	.965	.975	.979	.982	.987	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1000
1200	.137	.569	.731	.854	.918	.943	.960	.967	.972	.980	.984	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	1200
1400	.103	.475	.643	.790	.875	.913	.939	.950	.957	.971	.978	.984	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	1400
1600	.080	.398	.561	.721	.826	.876	.911	.927	.939	.959	.969	.979	.983	.986	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	1600
1800	.064	.336	.489	.654	.772	.833	.878	.900	.915	.944	.958	.971	.978	.982	.984	.986	.989	.990	.991	.992	.993	.994	.994	.994	1800
2000	.052	.285	.427	.590	.717	.786	.841	.868	.887	.925	.944	.962	.971	.977	.980	.983	.986	.988	.989	.991	.992	.993	.994	.994	2000
2500	.034	.197	.309	.454	.585	.666	.737	.774	.803	.863	.896	.930	.948	.958	.965	.971	.978	.981	.984	.987	.989	.991	.992	.993	2500
3000	.024	.143	.231	.353	.473	.556	.633	.676	.710	.788	.834	.886	.913	.931	.942	.953	.965	.971	.976	.981	.984	.987	.989	.991	3000
3500	.018	.108	.177	.279	.385	.462	.538	.583	.620	.707	.763	.831	.869	.894	.911	.929	.946	.957	.964	.972	.977	.982	.985	.988	3500
4000	.013	.084	.140	.224	.318	.386	.458	.501	.538	.629	.691	.770	.818	.850	.873	.897	.922	.937	.948	.960	.968	.976	.980	.984	4000
5000	.009	.055	.093	.152	.221	.275	.335	.372	.405	.493	.557	.647	.707	.750	.783	.819	.859	.885	.903	.926	.941	.957	.966	.974	5000
6000	.006	.039	.066	.109	.161	.204	.251	.282	.310	.387	.447	.535	.599	.647	.686	.730	.782	.818	.844	.879	.902	.929	.944	.958	6000
7000	.004	.029	.049	.082	.122	.156	.194	.220	.243	.308	.361	.443	.504	.553	.593	.641	.701	.744	.776	.822	.853	.892	.914	.935	7000
8000	.003	.022	.038	.064	.095	.122	.154	.174	.194	.249	.295	.368	.425	.472	.511	.560	.622	.669	.706	.760	.798	.847	.877	.906	8000
9000	.003	.017	.030	.051	.076	.098	.124	.142	.158	.205	.244	.308	.360	.404	.441	.488	.550	.598	.637	.698	.739	.797	.835	.871	9000
10000	.002	.014	.024	.041	.062	.081	.102	.117	.130	.170	.204	.261	.308	.347	.382	.426	.486	.534	.573	.635	.681	.745	.789	.833	10000

19Q7

19Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	22.4	19.7	19.0	18.3	17.9	17.6	17.3	17.2	17.1	16.8	16.6	16.4	16.3	16.1	16.1	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.4	15.3	Adj VN
psi	103	38	30	23	19	18	16	15	15	13	12	11	11	10	10	10	9	9	9	9	8	8	8	8	psi
HOB	244	556	711	908	1105	1251	1407	1505	1532	1931	2022	2325	2566	2770	2948	3182	3510	3787	4029	4442	4791	5370	5846	6443	HOB
WR	546	1426	1891	2436	3115	3581	4080	4396	4678	5457	6084	7093	7900	8585	9185	9974	11085	12025	12849	14257	15449	17426	19056	21101	WR
CEP	PO	PO	PO	PD	PO	PD	PO	PO	PO	PD	PD	PO	PD	PD	PO	PD	PO	PO	PO	PO	PO	PO	PO	PO	CEP
200	.931	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.849	.967	.983	.990	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.406	.899	.954	.978	.986	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.263	.793	.899	.953	.974	.981	.986	.988	.989	.991	.992	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	800
1000	.181	.675	.820	.912	.952	.967	.976	.980	.983	.987	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1000
1200	.131	.565	.731	.857	.921	.946	.962	.969	.974	.992	.986	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	1200
1400	.098	.471	.643	.794	.880	.919	.943	.953	.961	.974	.980	.985	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1400
1600	.076	.394	.561	.726	.832	.882	.917	.932	.943	.963	.972	.981	.985	.987	.989	.990	.991	.992	.993	.994	.994	.995	.995	.995	1600
1800	.061	.332	.489	.659	.779	.841	.886	.907	.921	.949	.962	.974	.980	.984	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	1800
2000	.050	.282	.427	.595	.725	.796	.850	.876	.895	.931	.949	.966	.975	.979	.982	.985	.980	.989	.990	.992	.993	.993	.994	.994	2000
2500	.032	.195	.309	.459	.594	.678	.750	.787	.815	.974	.906	.938	.954	.963	.969	.975	.981	.984	.986	.988	.990	.992	.992	.993	2500
3000	.023	.141	.231	.357	.482	.568	.647	.691	.726	.803	.848	.898	.924	.940	.950	.960	.970	.975	.979	.983	.986	.989	.990	.992	3000
3500	.017	.107	.177	.282	.393	.474	.553	.599	.637	.726	.782	.848	.885	.908	.923	.939	.954	.963	.969	.976	.980	.985	.987	.989	3500
4000	.013	.093	.140	.227	.323	.397	.472	.517	.555	.649	.712	.791	.838	.868	.890	.912	.934	.947	.956	.967	.973	.980	.984	.987	4000
5000	.008	.054	.093	.154	.226	.284	.347	.387	.421	.513	.580	.672	.733	.776	.807	.842	.879	.903	.919	.939	.951	.965	.972	.978	5000
6000	.006	.038	.066	.111	.165	.211	.261	.294	.324	.405	.468	.562	.628	.677	.715	.759	.810	.844	.868	.899	.919	.942	.955	.966	6000
7000	.004	.028	.049	.083	.125	.161	.202	.229	.254	.324	.380	.468	.533	.584	.626	.675	.734	.776	.807	.850	.878	.911	.931	.948	7000
8000	.003	.022	.038	.065	.098	.127	.160	.183	.203	.263	.312	.391	.453	.502	.544	.594	.658	.705	.741	.793	.829	.873	.900	.924	8000
9000	.003	.017	.030	.051	.079	.102	.130	.148	.166	.216	.259	.329	.386	.432	.472	.522	.587	.637	.676	.734	.775	.830	.864	.896	9000
10000	.002	.014	.024	.042	.064	.084	.107	.123	.137	.180	.218	.280	.331	.374	.411	.458	.522	.572	.613	.675	.720	.783	.823	.862	10000

19Q8

20Q6

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	22.7	20.5	20.0	19.6	19.3	19.1	18.9	18.8	18.8	18.6	18.5	18.4	18.3	18.3	18.2	18.2	18.1	18.1	18.0	18.0	18.0	17.9	17.9	17.8	Adj VN
psi	113	51	43	36	32	30	29	28	27	26	25	24	23	23	22	22	21	21	21	20	20	20	20	19	psi
HOB	243	547	697	886	1074	1214	1363	1456	1539	1767	1949	2236	2465	2658	2328	3049	3360	3622	3852	4243	4574	5122	5573	6138	HOB
WR	536	1348	1760	2289	2820	3216	3636	3902	4139	4789	5307	6129	6784	7338	7822	8457	9348	10101	10759	11883	12833	14406	15701	17324	WR
CEP	PO	PD	PO	PD	PO	PD	PO	PO	PD	PD	PO	PO	PD	PD	PO	PO	PO	PD	PO	PD	PD	PO	PO	PO	CEP
200	.928	.991	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996												200
400	.633	.961	.980	.988	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.990	.996			400
600	.396	.883	.944	.972	.983	.987	.990	.991	.991	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	600
800	.255	.766	.877	.940	.966	.976	.992	.994	.986	.993	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	800
1000	.175	.642	.789	.899	.937	.956	.963	.974	.977	.984	.987	.990	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	.995	.996	1000
1200	.126	.530	.692	.823	.896	.928	.949	.958	.964	.975	.981	.986	.988	.990	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	1200
1400	.095	.438	.600	.751	.845	.890	.921	.935	.945	.963	.972	.980	.994	.986	.988	.989	.991	.992	.992	.993	.994	.994	.995	.995	1400
1600	.074	.363	.518	.677	.788	.945	.887	.906	.920	.947	.960	.972	.979	.982	.984	.987	.989	.990	.991	.992	.993	.994	.994	.994	1600
1800	.059	.305	.447	.606	.729	.794	.847	.872	.899	.926	.944	.963	.971	.976	.990	.983	.986	.988	.989	.991	.992	.993	.993	.994	1800
2000	.049	.258	.387	.542	.668	.742	.803	.833	.855	.901	.926	.950	.962	.969	.974	.978	.983	.985	.987	.989	.990	.992	.993	.993	2000
2500	.031	.177	.277	.409	.533	.613	.687	.726	.757	.825	.865	.908	.930	.944	.953	.962	.971	.976	.979	.983	.986	.989	.990	.991	2500
3000	.022	.128	.205	.313	.424	.502	.577	.620	.656	.738	.790	.851	.885	.907	.922	.937	.952	.961	.967	.975	.979	.984	.986	.989	3000
3500	.016	.096	.156	.245	.340	.411	.483	.526	.562	.651	.710	.785	.930	.960	.882	.904	.927	.941	.951	.962	.969	.977	.981	.985	3500
4000	.012	.075	.123	.196	.277	.339	.405	.445	.480	.569	.632	.716	.769	.907	.834	.963	.895	.915	.928	.946	.956	.968	.974	.980	4000
5000	.008	.049	.081	.132	.191	.239	.291	.325	.354	.435	.496	.584	.646	.632	.727	.768	.815	.847	.869	.899	.918	.941	.953	.964	5000
6000	.006	.034	.057	.094	.138	.175	.210	.243	.267	.336	.390	.473	.534	.583	.622	.668	.725	.766	.796	.839	.867	.902	.923	.941	6000
7000	.004	.025	.043	.071	.104	.133	.166	.187	.207	.264	.310	.384	.442	.488	.527	.575	.636	.662	.718	.770	.806	.853	.883	.910	7000
8000	.003	.019	.033	.055	.081	.104	.130	.148	.164	.212	.251	.316	.367	.410	.447	.493	.555	.602	.640	.699	.741	.798	.835	.871	8000
9000	.002	.015	.026	.043	.065	.083	.105	.120	.133	.173	.206	.262	.309	.347	.380	.424	.483	.530	.569	.629	.675	.740	.783	.827	9000
10000	.002	.012	.021	.035	.053	.068	.086	.098	.110	.143	.172	.220	.260	.295	.326	.366	.421	.466	.504	.565	.612	.681	.729	.780	10000

20Q6

20Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	23.1	20.6	20.0	19.5	19.1	18.8	18.6	18.5	18.5	18.3	18.1	18.0	17.9	17.8	17.7	17.7	17.6	17.5	17.5	17.4	17.4	17.3	17.2	17.2	Adj VN
psi	130	53	43	35	30	28	26	25	24	23	21	20	19	19	19	18	18	17	17	16	16	16	16	15	psi
HOB	241	546	697	888	1078	1220	1370	1465	1549	1780	1964	2258	2488	2684	2856	3080	3396	3662	3895	4293	4629	5185	5643	6216	HOB
WR	522	1338	1760	2306	2656	3269	3709	3987	4234	4916	5461	6325	7015	7599	8109	8779	9719	10514	11209	12397	13400	15062	16432	18146	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.922	.991	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996												200
400	.622	.961	.980	.989	.992	.993	.994	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				400
600	.381	.881	.944	.973	.983	.987	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	600
800	.244	.762	.877	.941	.967	.977	.983	.985	.987	.990	.991	.993	.993	.994	.994	.995	.995	.995	.955	.995	.995	.996	.998	.996	800
1000	.167	.637	.788	.891	.939	.958	.970	.975	.978	.985	.987	.990	.992	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	1000
1200	.120	.526	.692	.827	.900	.931	.951	.960	.966	.977	.982	.987	.969	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1200
1400	.090	.434	.600	.755	.850	.895	.925	.939	.948	.966	.974	.981	.985	.987	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	1400
1600	.070	.360	.518	.681	.794	.651	.892	.912	.925	.950	.963	.975	.980	.983	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	1600
1800	.056	.301	.447	.611	.735	.802	.854	.879	.897	.931	.949	.966	.974	.978	.981	.984	.987	.989	.990	.991	.992	.993	.994	.994	1800
2000	.046	.255	.387	.546	.676	.751	.811	.841	.864	.908	.931	.954	.965	.972	.976	.980	.984	.987	.988	.990	.991	.992	.993	.994	2000
2500	.030	.174	.277	.413	.541	.623	.698	.738	.769	.836	.874	.915	.936	.949	.957	.966	.973	.978	.981	.985	.987	.989	.991	.992	2500
3000	.021	.126	.205	.317	.431	.512	.589	.633	.669	.752	.803	.862	.895	.915	.929	.943	.957	.965	.971	.977	.981	.985	.988	.990	3000
3500	.015	.095	.156	.248	.347	.420	.495	.539	.576	.666	.726	.800	.844	.672	.892	.913	.934	.947	.956	.966	.972	.979	.983	.986	3500
4000	.012	.074	.123	.198	.283	.348	.416	.458	.494	.586	.649	.733	.786	.822	.848	.876	.905	.924	.936	.952	.961	.971	.977	.982	4000
5000	.008	.048	.081	.134	.195	.245	.300	.335	.366	.450	.513	.603	.666	.711	.747	.786	.831	.861	.882	.910	.928	.948	.959	.968	5000
6000	.005	.034	.057	.096	.142	.180	.223	.252	.277	.349	.406	.492	.555	.604	.643	.690	.746	.785	.815	.855	.881	.913	.932	.948	6000
7000	.004	.025	.043	.072	.107	.137	.171	.194	.215	.275	.324	.402	.461	.509	.549	.598	.659	.705	.740	.790	.825	.869	.896	.921	7000
8000	.003	.019	.033	.055	.083	.107	.135	.154	.171	.221	.263	.331	.385	.430	.468	.516	.579	.627	.665	.722	.763	.818	.853	.886	8000
9000	.002	.015	.026	.044	.067	.086	.109	.124	.139	.181	.216	.276	.324	.365	.400	.445	.506	.554	.594	.855	.700	.763	.804	.846	9000
10000	.002	.012	.021	.036	.054	.070	.089	.102	.114	.150	.181	.232	.275	.312	.344	.386	.443	.490	.529	.591	.638	.706	.753	.802	10000

20Q7

20Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	23.4	20.7	20.0	19.3	18.9	18.6	18.3	18.2	18.1	17.8	17.6	17.4	17.3	17.1	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.4	16.4	16.3	Adj VN
psi	148	55	43	33	28	25	23	22	21	19	18	16	16	15	15	14	14	13	13	12	12	12	11	11	psi
HOB	239	545	697	890	1083	1227	1379	1475	1561	1796	1984	2281	2517	2717	2892	3121	3443	3715	3953	4359	4701	5269	5737	6322	HOB
WR	509	1328	1760	2334	2900	3334	3798	4092	4355	5080	5661	6585	7324	7950	8498	9218	10230	11086	11836	13116	14199	15994	17473	19328	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.916	.991	.993	.995	.995	.995	.996	.996	.996	.996	.996	.996													200
400	.607	.960	.980	.989	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996				400
600	.367	.878	.944	.973	.984	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.998	.996	600
800	.234	.759	.877	.942	.968	.978	.983	.986	.967	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	800
1000	.160	.633	.788	.893	.942	.960	.972	.977	.980	.986	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	1000
1200	.115	.521	.692	.830	.904	.934	.954	.963	.968	.978	.983	.988	.990	.991	.992	.992	.993	.994	.994	.995	.995	.995	.995	.995	1200
1400	.086	.429	.600	.759	.856	.900	.930	.943	.952	.968	.976	.983	.986	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	1400
1600	.067	.356	.518	.686	.801	.858	.899	.918	.931	.955	.966	.977	.982	.985	.987	.989	.990	.991	.992	.993	.994	.994	.995	.995	1600
1800	.053	.298	.447	.616	.743	.811	.862	.687	.904	.937	.954	.969	.976	.981	.983	.986	.988	.990	.991	.992	.993	.994	.994	.994	1800
2000	.044	.251	.387	.551	.685	.761	.822	.851	.873	.916	.938	.959	.969	.975	.979	.982	.986	.988	.989	.991	.992	.993	.993	.994	2000
2500	.028	.172	.277	.418	.550	.635	.711	.751	.783	.849	.886	.924	.943	.955	.962	.970	.977	.981	.983	.986	.988	.990	.992	.993	2500
3000	.020	.124	.205	.321	.440	.524	.604	.649	.685	.769	.819	.876	.906	.925	.938	.950	.963	.970	.974	.980	.983	.987	.989	.990	3000
3500	.015	.093	.155	.252	.355	.432	.509	.555	.593	.685	.745	.818	.860	.686	.905	.924	.943	.954	.962	.971	.976	.982	.985	.988	3500
4000	.011	.073	.123	.201	.290	.358	.430	.474	.511	.606	.671	.754	.806	.840	.863	.891	.918	.934	.945	.959	.968	.975	.980	.984	4000
5000	.007	.047	.081	.136	.201	.253	.311	.349	.381	.469	.535	.626	.691	.736	.770	.809	.851	.879	.898	.923	.938	.956	.965	.973	5000
6000	.005	.033	.057	.097	.146	.186	.232	.263	.290	.366	.426	.516	.581	.632	.671	.717	.772	.810	.837	.874	.898	.927	.943	.956	6000
7000	.004	.025	.043	.073	.110	.142	.179	.203	.226	.290	.342	.424	.487	.537	.578	.628	.689	.734	.766	.816	.848	.888	.912	.933	7000
8000	.003	.019	.033	.056	.086	.111	.141	.161	.180	.234	.279	.351	.409	.456	.496	.546	.610	.658	.696	.752	.791	.843	.874	.904	8000
9000	.002	.015	.026	.045	.069	.089	.114	.130	.146	.191	.230	.294	.346	.389	.427	.474	.538	.587	.627	.688	.732	.792	.831	.869	9000
10000	.002	.012	.021	.037	.056	.073	.094	.107	.121	.159	.192	.248	.294	.334	.368	.413	.474	.522	.562	.625	.673	.739	.784	.829	10000

20Q8

20Q9

KT	1	10	20	40	70	100	140	170	200	300	400	500	800	1000	1200	1500	2000	2500	3000	4000	5000	7060	9000	12000	KT
Adj VN	23.8	20.8	20.0	19.2	18.6	18.2	17.9	17.7	17.6	17.2	17.0	16.6	16.4	16.3	16.1	16.0	15.8	15.7	15.6	15.4	15.3	15.2	15.0	14.9	Adj VN
psi	169	58	43	32	26	22	20	18	17	15	14	12	11	11	10	10	9	9	8	8	8	7	7	7	psi
HOB	237	544	697	892	1088	1235	1391	1489	1577	1817	2010	2315	2559	2765	2945	3181	3513	3794	4039	4458	4812	5399	5883	6688	HOB
WR	496	1317	1760	2347	2953	3415	3912	4230	4514	5304	5941	6961	7800	8512	9139	9965	11133	12126	12998	14494	15763	17875	19621	21957	WR
CEP	PD	PD	PO	PD	PO	PO	PD	PD	PO	PD	PO	PD	PO	PO	PO	PO	PO	PO	PO	PD	PD	PO	PD	PD	CEP
200	.911	.991	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.592	.959	.980	.989	.992	.993	.994	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.354	.876	.944	.974	.985	.988	.991	.992	.992	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.225	.754	.877	.944	.970	.979	.984	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	800
1000	.153	.628	.788	.896	.945	.963	.974	.978	.981	.987	.989	.991	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	1000
1200	.110	.516	.692	.834	.908	.939	.958	.966	.971	.981	.985	.989	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.996	1200
1400	.082	.425	.600	.764	.862	.906	.936	.948	.957	.972	.979	.985	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1400
1600	.064	.352	.518	.691	.809	.866	.907	.925	.937	.960	.970	.980	.984	.987	.988	.990	.991	.992	.993	.994	.994	.995	.995	.995	1600
1800	.051	.294	.447	.622	.753	.821	.873	.896	.913	.944	.959	.973	.980	.983	.986	.988	.990	.991	.992	.993	.993	.994	.995	.995	1800
2000	.041	.248	.387	.557	.695	.773	.834	.863	.885	.925	.946	.965	.974	.979	.982	.985	.988	.990	.991	.992	.993	.994	.994	.995	2000
2500	.027	.170	.277	.423	.561	.650	.728	.768	.799	.864	.899	.935	.952	.963	.969	.975	.981	.984	.986	.989	.990	.992	.993	.993	2500
3000	.019	.122	.205	.326	.451	.538	.622	.669	.706	.790	.839	.893	.921	.938	.949	.960	.970	.976	.980	.984	.987	.989	.991	.992	3000
3500	.014	.092	.156	.256	.364	.446	.527	.575	.615	.710	.770	.840	.881	.905	.922	.939	.955	.964	.970	.977	.981	.986	.988	.990	3500
4000	.011	.071	.123	.204	.298	.371	.447	.493	.533	.632	.699	.782	.833	.865	.888	.911	.935	.949	.958	.968	.974	.981	.985	.988	4000
5000	.007	.047	.081	.138	.207	.263	.326	.366	.401	.495	.565	.661	.726	.771	.805	.841	.880	.905	.921	.942	.954	.967	.974	.980	5000
6000	.005	.033	.057	.099	.150	.194	.244	.277	.307	.390	.454	.550	.620	.672	.713	.759	.812	.847	.871	.904	.924	.946	.958	.969	6000
7000	.003	.024	.043	.074	.114	.148	.188	.215	.240	.310	.368	.457	.525	.579	.623	.674	.736	.780	.812	.856	.884	.917	.936	.953	7000
8000	.003	.019	.033	.057	.089	.116	.149	.171	.191	.251	.301	.381	445	.497	.541	.594	.661	.710	.748	.801	.837	.881	.908	.932	8000
9000	.002	.015	.026	.046	.071	.093	.120	.138	.156	.206	.249	.320	.379	.428	.469	.521	.590	.642	.682	.743	.785	.840	.874	.906	9000
10000	.002	.012	.021	.037	.058	.077	.099	.114	.129	.172	.209	.271	.324	.369	.408	.458	.525	.577	.620	.685	.731	.795	.835	.875	10000

20Q9

21Q5

KT	1	10	20	40	70	100	140	170	200	300	400	500	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	23.3	21.4	21.0	20.7	20.4	20.3	20.2	20.1	20.0	19.9	19.9	19.8	19.7	19.7	19.6	19.6	19.6	19.5	19.5	19.5	19.4	19.4	19.4	19.4	Adj VN
psi	140	71	61	54	49	47	45	44	43	42	40	39	39	38	37	37	36	36	35	35	35	34	34	34	psi
HOB	240	537	683	866	1049	1185	1329	1419	1500	1721	1897	2175	2397	2585	2749	2963	3264	3519	3741	4120	4441	4971	5408	5956	HOB
WR	515	1264	1640	2118	2596	2952	3330	3568	3780	4362	4826	5560	6146	6640	7073	7639	8435	9106	9694	10697	11544	17946	14102	15549	WR
CEP	PO	PO	PO	PD	PD	PO	PD	PO	PD	PD	PD	PD	PO	PD	PD	PD	PO	PO	PO	PO	PO	PD	PO	PO	CEP
200	.919	.990	.993	.994	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996										200
400	.614	.954	.977	.987	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996		400
600	.373	.862	.931	.966	.980	.985	.988	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	600
800	.239	.733	.852	.925	.957	.970	.978	.981	.983	.987	.989	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	800
1000	.163	.603	.752	.864	.921	.945	.960	.967	.972	.980	.984	.988	.990	.991	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	1000
1200	.117	.491	.650	.789	.871	.908	.934	.946	.954	.969	.976	.982	.996	.988	.989	.990	.992	.992	.993	.994	.994	.994	.995	.995	1200
1400	.098	.401	.556	.709	.811	.862	.900	.917	.929	.952	.964	.975	.989	.983	.985	.987	.989	.991	.991	.992	.993	.994	.994	.995	1400
1600	.068	.331	.475	.631	.741	.809	.859	.881	.898	.931	.948	.965	.973	.977	.981	.984	.987	.989	.990	.991	.992	.993	.993	.994	1600
1800	.055	.275	.406	.559	.682	.752	.810	.839	.861	.905	.928	.951	.963	.970	.974	.979	.983	.985	.987	.989	.990	.992	.993	.993	1800
2000	.044	.232	.349	.494	.619	.695	.760	.794	.820	.874	.903	.935	.950	.960	.966	.972	.978	.992	.984	.987	.989	.991	.992	.993	2000
2500	.029	.158	.246	.366	.483	.561	.635	.676	.709	.733	.928	.880	.908	.926	.938	.950	.962	.969	.973	.979	.982	.986	.988	.990	2500
3000	.020	.113	.181	.278	.379	.451	.523	.565	.601	.686	.742	.811	.852	.878	.897	.917	.937	.949	.957	.967	.973	.979	.983	.986	3000
3500	.015	.085	.138	.215	.300	.364	.431	.471	.506	.594	.655	.736	.786	.921	.947	.974	.903	.921	.934	.950	.959	.970	.976	.981	3500
4000	.011	.066	.108	.171	.242	.298	.357	.395	.427	.512	.574	.660	.717	.759	.790	.824	.962	.897	.905	.927	.941	.957	.966	.973	4000
5000	.007	.043	.071	.115	.165	.207	.253	.292	.309	.392	.439	.524	.586	.633	.670	.714	.767	.803	.830	.867	.891	.920	.937	.952	5000
6000	.005	.030	.050	.082	.119	.150	.186	.209	.231	.291	.340	.416	.474	.521	.560	.607	.667	.711	.745	.794	.822	.870	.896	.921	6000
7000	.004	.022	.037	.061	.089	.114	.141	.160	.177	.226	.267	.333	.386	.429	.466	.513	.573	.620	.658	.714	.755	.810	.845	.880	7000
8000	.003	.017	.029	.047	.070	.089	.111	.126	.140	.190	.214	.271	.317	.356	.390	.433	.492	.538	.577	.637	.682	.745	.788	.831	8000
9000	.002	.014	.023	.037	.055	.071	.089	.101	.113	.146	.175	.223	.263	.298	.328	.368	.422	.467	.505	.565	.612	.680	.725	.779	9000
10000	.002	.011	.018	.030	.045	.058	.073	.083	.093	.121	.145	.186	.221	.252	.278	.314	.364	.406	.442	.500	.547	.617	.669	.724	10000

21Q5

21Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	24.1	21.6	21.0	20.5	20.1	19.9	19.6	19.5	19.5	19.3	19.1	19.0	18.9	18.8	18.7	19.7	19.6	19.5	19.5	19.4	19.4	18.3	19.2	19.2	Adj VN
psi	187	76	61	50	44	40	37	36	35	32	31	29	28	27	27	26	25	25	24	24	23	23	22	22	psi
HOB	235	535	683	870	1057	1136	1343	1436	1518	1745	1925	2211	2439	2632	2900	3020	3330	3591	3819	4209	4539	5084	5533	8096	HOB
WR	487	1246	1640	2147	2660	3044	3453	3712	3943	4577	5085	5899	6532	7075	7550	8173	9049	9788	10436	11541	12475	14022	15297	18894	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.906	.990	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.096	.996											200
400	.579	.952	.977	.987	.991	.092	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996			400
600	.344	.857	.931	.967	.981	.986	.989	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	600
800	.217	.725	.852	.928	.960	.972	.979	.983	.985	.983	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.998	800
1000	.147	.594	.752	.868	.926	.949	.964	.970	.974	.982	.986	.989	.091	.992	.902	.993	.984	.994	.094	.995	.995	.995	.995	.996	1000
1200	.106	.483	.650	.795	.879	.916	.941	.951	.959	.972	.970	.985	.987	.989	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	1200
1400	.079	.393	.556	.716	.822	.873	.909	.925	.937	.958	.968	.978	.983	.985	.997	.989	.991	.992	.992	.993	.994	.994	.995	.995	1400
1600	.061	.324	.475	.639	.759	.922	.870	.893	.909	.940	.955	.970	.977	.991	.993	.986	.988	.990	.991	.992	.093	.993	.994	.994	1800
1800	.049	.269	.406	.567	.696	.768	.828	.854	.875	.916	.937	.958	.969	.974	.979	.982	.985	.987	.989	.990	.091	.993	.993	.994	1800
2000	.040	.226	.349	.503	.634	.712	.779	.812	.837	.889	.916	.944	.958	.966	.971	.977	.982	.984	.986	.989	.990	.992	.992	.993	2000
250	.026	.154	.246	.374	.497	.580	.656	.698	.732	.806	.849	.897	.922	.939	.948	.958	.968	.974	.978	.992	.985	.988	.990	.991	2500
3000	.018	.111	.181	.284	.391	.469	.545	.590	.627	.714	.769	.835	.873	.897	.914	.931	.948	.958	.965	.973	.978	.983	.996	.998	3000
3500	.013	.083	.139	.221	.312	.381	.452	.495	.532	.624	.686	.765	.814	.847	.870	.895	.920	.936	.946	.959	.967	.975	.980	.984	3500
4000	.010	.064	.103	.175	.252	.312	.377	.417	.452	.542	.606	.694	.750	.790	.810	.851	.885	.907	.922	.941	.952	.965	.972	.978	4000
5000	.007	.042	.071	.117	.173	.219	.269	.301	.330	.409	.470	.559	.623	.671	.708	.751	.800	.834	.859	.891	.912	.938	.950	.962	5000
6000	.005	.029	.050	.084	.125	.159	.198	.224	.247	.313	.367	.449	.511	.560	.600	.648	.707	.750	.782	.827	.857	.895	.917	.937	6000
7000	.003	.022	.037	.062	.094	.120	.151	.172	.191	.245	.290	.363	.420	.466	.505	.554	.616	.664	.701	.755	.793	.843	.874	.903	7000
8000	.003	.017	.029	.048	.073	.094	.119	.135	.151	.196	.234	.297	.347	.330	.426	.473	.535	.593	.622	.682	.726	.785	.825	.863	8000
9000	.002	.013	.023	.038	.058	.075	.095	.109	.122	.159	.192	.246	.290	.328	.361	.404	.463	.511	.550	.812	.659	.725	.771	.817	9000
10000	.003	.011	.018	.031	.047	.062	.078	.090	.100	.132	.159	.206	.245	.279	.308	.348	.402	.447	.485	.547	.535	.665	.715	.767	10000

21Q7

21Q9

KT	1	10	20	40	70	100	140	170	200	300	400	800	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	24.8	21.8	21.0	20.2	19.6	19.2	18.9	18.7	18.6	16.2	18.0	17.8	17.4	17.3	17.1	17.0	16.8	16.7	16.6	16.4	16.3	16.2	16.0	15.9	Adj VN
psi	243	83	61	46	37	32	28	27	25	22	20	18	17	16	15	14	13	13	12	12	11	10	10	10	psi
HOB	232	532	683	874	1067	1210	1363	1460	1546	1782	1971	2271	2510	2712	2889	3121	3447	3722	3963	4375	4722	5298	5773	6368	HOB
WR	463	1227	1640	2186	2750	3180	3643	3939	4203	4938	5530	6479	7243	7991	9461	9211	10259	11167	11963	13330	14488	16415	18009	20010	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.892	.990	.993	.995	.995	.995	.996	.996	.998	.996	.998	.998					.996	.996	.996	.996	.996	.996	.996	.996	200
400	.548	.950	.977	.987	.991	.993	.994	.994	.994	.995	.995	.995	.996	.996	.998	.996	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.319	.851	.931	.969	.982	.987	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.200	.717	.852	.931	.963	.975	.962	.985	.987	.990	.991	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	800
1000	.135	.585	.752	.874	.933	.955	.969	.974	.978	.965	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.996	.996	.996	1000
1200	.006	.473	.650	.803	.889	.925	.949	.959	.965	.977	.962	.987	.989	.991	.992	.992	.993	.994	.994	.995	.993	.995	.995	.995	1200
1400	.072	.385	.556	.726	.836	.886	.921	.937	.947	.966	.975	.982	.988	.986	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	1400
1600	.056	.316	.475	.650	.776	.840	.687	.909	.923	.951	.964	.976	.982	.985	.987	.989	.990	.992	.492	.993	.994	.994	.995	.995	1800
1800	.044	.262	.406	.579	.714	.789	.847	.875	.894	.932	.950	.989	.976	.980	.983	.986	.968	.990	.991	.992	.993	.994	.994	.995	1800
2000	.036	.221	.349	.513	.654	.736	.803	.637	.661	.909	.934	.957	.968	.974	.978	.982	.986	.968	.989	.991	.992	.993	.994	.994	2000
2500	.023	.150	.246	.383	.517	.607	.688	.731	.765	.838	.878	.921	.942	.954	.962	.970	.977	.961	.984	.967	.989	.991	.992	.993	2500
3000	.016	.107	.181	.292	.410	.435	.578	.826	.665	.754	.809	.870	.904	.924	.937	.950	.983	.970	.975	.991	.984	.988	.989	.991	3000
3500	.012	.080	.138	.227	.328	.405	.484	.531	.571	.869	.733	.811	.856	.984	.904	.924	.944	.955	.963	.972	.477	.983	.986	.988	3500
4000	.009	.062	.108	.181	.266	.334	.406	.451	.490	.588	.657	.746	.801	.837	.863	.891	.918	.935	.947	.960	.968	.977	.981	.985	4000
5000	.006	.041	.071	.121	.183	.234	.292	.329	.362	.453	.521	.818	.684	.732	.768	.809	.652	.981	.901	.927	.942	.959	.968	.975	5000
6000	.004	.028	.050	.086	.132	.171	.217	.247	.274	.351	.413	.506	.575	.627	.669	.717	.773	.813	.841	.880	.904	.932	.947	.960	6000
7000	.003	.021	.037	.065	.100	.130	.166	.190	.213	.277	.331	.415	.480	.532	.575	.527	.691	.736	.773	.823	.656	.896	.919	.939	7000
8000	.002	.016	.029	.050	.078	.102	.131	.150	.169	.223	.268	.343	.403	.452	.494	.545	.612	.663	.702	.761	.801	.852	.884	.912	8000
9000	.002	.013	.023	.040	.062	.082	.105	.122	.137	.182	.221	.266	.340	.385	.424	.474	.539	.591	.633	.697	.743	.804	.943	.680	9000
10000	.001	.010	.018	.032	.051	.087	.087	.100	.113	.151	.165	.242	.289	.330	.366	.412	.475	.527	.569	.635	.684	.753	.798	.843	10000

21Q9

22Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	25.8	22.8	22.0	21.2	20.6	20.2	19.9	19.7	19.6	19.2	19.0	18.6	18.4	18.3	18.1	18.0	17.8	17.7	17.6	17.4	17.3	17.2	17.0	18.9	Adj VN
psi	350	119	88	66	53	46	41	38	36	32	29	26	24	22	21	20	19	18	18	17	16	15	14	14	psi
HOB	226	521	668	856	1045	1186	1336	1431	1515	1747	1932	2226	2461	2659	2833	3061	3380	3651	3887	4291	4832	5198	5684	6247	HOB
WR	431	1143	1528	2036	2561	2961	3392	3667	3913	4597	5149	6032	6743	7346	7877	8574	9558	10393	11125	12378	13439	15202	16658	18485	WR
CEP	PD	PO	PD	PD	PD	PD	PO	PD	PO	PO	PO	PO	PO	PO	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.870	.988	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996												200
400	.506	.939	.972	.986	.990	.992	.993	.994	.994	.995	.995	.995	.995	.998	.996	.996	.996	.996	.996	.996	.996				400
600	.286	.823	.917	.962	.979	.985	.988	.990	.991	.992	.993	.994	.995	.995	995	.995	.995	.996	.996	.998	.998	.998	.996	.998	800
800	.177	.676	.824	.916	.956	.970	.979	.982	.984	.989	.390	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	800
1000	.118	.541	.714	.842	.918	.945	.962	.969	.974	.982	.986	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	1000
1200	.084	.432	.607	.770	.866	.909	.938	.950	.958	.972	.979	.985	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1200
1400	.063	.347	.512	.686	.805	.863	.905	.923	.938	.959	.969	.979	.984	.986	.988	.990	.991	.992	.993	.994	.994	.994	.995	.995	1400
1600	.049	.283	.433	.607	.740	.810	.864	.889	.907	.940	.956	.971	.978	.982	.985	.987	.989	.991	.991	.993	.993	.994	.994	.995	1800
1800	.039	.234	.367	.534	.674	.754	.818	.850	.873	.917	.940	.961	.971	.977	.980	.984	.987	.989	.990	.991	.992	.993	.994	.994	1800
2000	.032	.196	.314	.471	.611	.697	.769	.806	.834	.890	.919	.948	.962	.969	.974	.979	.984	.988	.988	.990	.991	.992	.993	.994	2000
2500	.020	.132	.219	.346	.474	.563	.648	.691	.728	.808	.854	.903	.929	.944	.954	.963	.972	.978	.981	.985	.987	.990	.991	.992	2500
3000	.014	.094	.160	.261	.371	.452	.534	.582	.622	.716	.775	.845	.883	.907	.923	.939	.955	.984	.970	.977	.981	.986	.988	.990	3000
3500	.010	.070	.121	.201	.294	.366	.442	.488	.527	.626	.693	.777	.828	.861	.884	.907	.931	.948	.955	.966	.973	.990	.983	.987	3500
4000	.008	.055	.095	.160	.237	.299	.367	.410	.447	.544	.614	.707	.786	.807	.837	.868	.901	.921	.935	.951	.961	.972	.978	.982	4000
5000	.005	.035	.062	.106	.161	.208	.260	.295	.328	.411	.478	.574	.642	.692	.731	.775	.824	.857	.880	.910	.928	.949	.960	.970	5000
6000	.004	.025	.044	.076	.116	.151	.192	.219	.244	.316	.373	.463	.531	.583	.628	.676	.737	.780	.811	.854	.882	.915	.934	.951	6000
7000	.003	.018	.032	.056	.087	.114	.146	.168	.188	.247	.296	.378	.438	.489	.531	.584	.850	.898	.736	.790	.826	.872	.900	.925	7000
8000	.002	.014	.025	.044	.068	.089	.115	.132	.149	.197	.239	.308	.364	.411	.451	.502	.568	.620	.660	.721	.785	.822	.858	.892	8000
9000	.002	.011	.020	.035	.054	.071	.092	.107	.120	.161	.196	.255	.305	.347	.384	.432	.496	.547	.589	.854	.702	.767	.811	.853	9000
10000	.001	.009	.016	.028	.044	.058	.076	.088	.099	.133	.163	.214	.258	.296	.329	.373	.434	.483	.524	.590	.640	.712	.760	.810	10000

23Q7

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	26.1	23.6	23.0	22.5	22.1	21.8	21.5	21.5	21.5	21.3	21.1	21.0	20.9	20.8	20.7	20.7	20.6	20.5	20.5	20.4	20.4	20.3	20.2	20.2	Adj VN
psi	388	159	127	104	90	83	78	75	72	57	64	60	58	57	55	54	52	51	50	49	48	47	46	46	psi
HOB	225	512	654	834	1013	1147	1288	1377	1457	1674	1848	2123	2341	2526	2888	2900	3197	3448	3888	4042	4359	4883	5314	5855	HOB
WR	423	1082	1423	1863	2308	2641	2996	3220	3420	3971	4410	5108	5665	6136	6548	7088	7847	8486	9049	10008	10817	12159	13264	14649	WR
CEP	PD	PO	PO	PD	PD	PO	PD	PO	PD	PD	PD	PD	PD	PD	PD	PO	PO	PD	PD	PO	PD	PD	PD	PD	CEP
200	.863	.987	.992	.994	.995	.595	.995	.995	.396	.996	.996	.996	.996	.996	.998	.996									200
400	.493	.929	.967	.983	.989	.991	.992	.993	.993	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996		400
600	.277	.799	.899	.952	.973	.980	.985	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.395	.995	.995	.998	.998	.998	.996	800
800	.171	.644	.793	.894	.941	.959	.971	.976	.979	.985	.988	.990	.992	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.996	800
1000	.114	.508	.674	.813	.891	.925	.947	.956	.963	.975	.980	.988	.988	.990	.991	.992	.993	.993	.994	.994	.994	.995	.995	.995	1000
1200	.081	.401	.564	.723	.827	.877	.912	.928	.939	.960	.969	.979	.983	.986	.987	.989	.991	.992	.992	.993	.994	.994	.995	.995	1200
1400	.061	.320	.470	.634	.755	.819	.857	.890	.907	.938	.954	.969	.976	.980	.983	.985	.988	.990	.991	.992	.993	.993	.994	.994	1400
1600	.047	.259	.393	.552	.682	.756	.816	.845	.867	.911	.933	.955	.966	.973	.977	.981	.985	.987	.988	.990	.991	.992	.993	.994	1600
1800	.037	.213	.331	.481	.612	.692	.760	.795	.822	.877	.907	.938	.954	.963	.969	.974	.980	.983	.985	.988	.989	.991	.992	.993	1800
2000	.030	.178	.281	.419	.547	.629	.703	.743	.774	.840	.877	.917	.938	.950	.958	.966	.974	.979	.982	.985	.987	.990	.991	.992	2000
2500	.020	.119	.194	.302	.414	.493	.570	.614	.651	.735	.789	.851	.886	.908	.923	.938	.953	.962	.968	.975	.980	.984	.987	.989	2500
3000	.014	.085	.141	.225	.318	.387	.459	.503	.539	.631	.693	.771	.819	.851	.874	.898	.923	.938	.948	.960	.980	.976	.981	.984	3000
3500	.010	.063	.106	.173	.249	.308	.372	.412	.446	.536	.601	.889	.746	.786	.815	.847	.882	.905	.920	.940	.951	.965	.972	.978	3500
4000	.008	.049	.083	.136	.199	.249	.305	.340	.371	.458	.519	.609	.671	.717	.751	.791	.835	.864	.885	.913	.929	.949	.960	.969	4000
5000	.005	.032	.054	.090	.134	.170	.212	.239	.264	.333	.388	.473	.536	.585	.624	.672	.729	.770	.800	.843	.871	.905	.926	.943	5000
6000	.003	.022	.038	.064	.096	.123	.154	.175	.195	.250	.296	.369	.427	.473	.513	.561	.624	.670	.707	.761	.799	.848	.878	.906	8000
7000	.003	.016	.028	.048	.072	.092	.117	.133	.148	.193	.231	.293	.343	.385	.421	.467	.529	.577	.617	.877	.721	.781	.821	.860	7000
8000	.002	.013	.022	.037	.056	.072	.091	.104	.117	.153	.184	.236	.279	.318	.349	.391	.449	.496	.535	.596	.644	.711	.758	.806	8000
9000	.002	.010	.017	.029	.044	.057	.073	.084	.094	.123	.149	.193	.230	.263	.291	.329	.382	.428	.483	.524	.572	.643	.894	.746	9000
10000	.001	.008	.014	.024	.036	.047	.060	.089	.077	.102	.123	.181	.193	.221	.246	.279	.327	.368	.403	.460	.507	.579	.632	.891	10000

22Q9

23Q7

23Q8

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	26.4	23.7	23.0	22.3	21.9	21.6	21.3	21.2	21.1	20.8	20.6	20.4	20.3	20.1	20.1	20.0	19.9	19.8	19.7	19.6	19.5	19.4	19.4	19.3	Adj VN
psi	443	165	127	100	84	75	69	65	63	57	53	49	47	45	44	42	40	39	36	37	36	33	34	33	psi
HOB	223	511	654	836	1018	1153	1297	1388	1469	1691	1867	2148	2371	2560	2725	2941	3244	3501	3725	4106	4431	4967	3408	5961	HOB
WR	412	1074	1423	1879	2343	2693	3067	3305	3517	4102	4570	5316	3912	6417	6639	7440	8256	8947	9551	10584	11458	12905	14096	15594	WR
CEP	PD	PO	PD	PO	PO	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.854	.987	.992	.994	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996										200
400	.478	.928	.967	.983	.989	.991	.992	.993	.993	.994	.995	.995	.993	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996		400
600	.266	.795	.899	.953	.974	.961	.986	.986	.989	.991	.992	.994	.994	.994	.993	.995	.993	.995	.993	.996	.996	.996	.998	.996	600
800	.163	.639	.793	.896	.943	.961	.973	.977	.980	.986	.968	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	800
1000	.109	.503	.674	.817	.896	.929	.950	.959	.966	.977	.962	.987	.969	.990	.991	.992	.993	.994	.994	.994	.993	.995	.995	.995	1000
1200	.077	.396	.564	.728	.833	.883	.916	.933	.944	.963	.972	.961	.983	.987	.986	.990	.991	.992	.993	.994	.994	.994	.995	.993	1200
1400	.058	.316	.470	.639	.763	.827	.875	.898	.913	.943	.958	.972	.976	.982	.984	.987	.989	.990	.991	.992	.993	.994	.994	.993	1400
1600	.045	.256	.393	.557	.691	.766	.626	.855	.876	.916	.939	.960	.970	.975	.979	.980	.996	.988	.989	.991	.992	.993	.993	.994	1600
1800	.035	.210	.331	.486	.621	.703	.772	.807	.833	.887	.916	.945	.959	.967	.972	.977	.982	.985	.967	.989	.990	.992	.993	.993	1800
2000	.029	.175	.281	.424	.556	.641	.716	.756	.787	.652	.886	.926	.945	.956	.963	.970	.977	.981	.984	.987	.988	.991	.992	.993	2000
2500	.019	.116	.194	.306	.422	.505	.585	.630	.667	.753	.805	.865	.898	.918	.932	.946	.959	.967	.972	.976	.962	.986	.986	.990	2300
3000	.013	.084	.141	.226	.323	.398	.473	.516	.557	.650	.713	.791	.637	.867	.886	.910	.933	.946	.955	.966	.972	.979	.983	.986	3000
3500	.010	.062	.106	.175	.255	.316	.365	.427	.463	.556	.623	.711	.767	.806	.835	.865	.897	.916	.931	.948	.936	.970	.976	.981	3500
4000	.007	.046	.083	.136	.204	.257	.316	.353	.387	.475	.541	.633	.696	.741	.775	.613	.855	.862	.901	.923	.940	.957	.966	.974	4000
5000	.005	.031	.054	.092	.136	.176	.221	.250	.276	.350	.408	.497	.562	.612	.652	.700	.756	.795	.824	.864	.889	.920	.937	.932	5000
6000	.003	.022	.036	.065	.099	.127	.161	.183	.204	.264	.313	.391	.451	.500	.541	.591	.654	.701	.737	.769	.824	.969	.896	.921	6000
7000	.002	.016	.026	.046	.074	.096	.122	.140	.156	.204	.245	.311	.363	.410	.448	.497	.560	.610	.649	.709	.731	.809	.845	.881	7000
8000	.002	.012	.022	.037	.057	.075	.093	.109	.123	.162	.193	.252	.298	.338	.373	.416	.479	.528	.556	.631	.678	.744	.788	.632	8000
9000	.001	.010	.017	.030	.048	.060	.076	.088	.099	.131	.159	.207	.247	.282	.313	.354	.410	.457	.496	.338	.607	.676	.728	.780	9000
10000	.001	.008	.014	.024	.037	.049	.062	.072	.081	.108	.132	.172	.207	.238	.265	.302	.353	.396	.433	.494	.542	.615	.668	.728	10000

23Q8

24Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	27.6	24.8	24.0	23.2	22.6	22.2	21.9	21.7	21.6	21.2	21.0	20.6	20.4	20.3	20.1	20.0	19.8	19.7	19.6	19.4	19.3	19.2	19.0	16.9	Adj VN
psi	723	247	183	137	110	96	85	79	73	66	60	33	49	47	43	42	40	36	36	34	33	31	30	29	psi
HOB	216	496	640	820	1002	1137	1281	1372	1453	1577	1653	2136	2363	2354	2721	2940	3248	3506	3733	4124	4432	4996	5443	6006	HOB
WR	373	993	1327	1767	2223	2569	2943	3182	3395	3966	4466	3231	5847	6370	6830	7434	8287	9010	9644	10730	11849	13177	14438	16021	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.817	.985	.991	.994	.993	.995	.995	.993	.996	.996	.996	.996	.996	.996	.996										200
400	.423	.911	.960	.981	.966	.990	.992	.993	.993	.994	.995	.995	.993	.993	.996	.996	.996	.996	.996	.996	.996				400
600	.228	.757	.876	.944	.970	.979	.983	.987	.986	.991	.992	.993	.994	.994	.993	.995	.995	.995	.995	.996	.996	.996	.996	.996	600
800	.138	.592	.756	.878	.934	.956	.969	.975	.979	.983	.988	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.993	.996	.996	800
1000	.092	.456	.632	.789	.880	.919	.944	.955	.962	.975	.981	.986	.989	.990	.991	.992	.993	.994	.994	.994	.995	.993	.993	.995	1000
1200	.063	.334	.320	.694	.811	.868	.908	.925	.936	.960	.970	.980	.984	.987	.986	.990	.991	.992	.993	.994	.994	.995	.995	.995	1200
1400	.048	.280	.429	.602	.735	.807	.861	.887	.905	.939	.955	.971	.978	.982	.984	.987	.989	.990	.991	.992	.993	.994	.994	.993	1400
1600	.037	.225	.353	.520	.660	.741	.808	.840	.864	.912	.935	.958	.969	.973	.979	.983	.986	.986	.989	.991	.992	.993	.984	.994	1600
1800	.030	.184	.297	.449	.589	.676	.731	.789	.819	.879	.910	.942	.957	.966	.972	.977	.982	.985	.987	.989	.991	.992	.993	.994	1800
2000	.024	.133	.251	.389	.524	.613	.693	.736	.770	.842	.881	.923	.943	.955	.963	.970	.977	.981	.984	.987	.989	.991	.992	.993	2000
2500	.015	.102	.172	.278	.393	.476	.359	.607	.646	.738	.794	.860	.893	.917	.931	.946	.960	.968	.973	.979	.983	.987	.989	.990	2500
3000	.011	.072	.124	.206	.300	.372	.449	.495	.535	.633	.700	.783	.832	.865	.887	.910	.933	.947	.956	.967	.973	.980	.984	.987	3000
3500	.008	.054	.093	.157	.234	.295	.363	.405	.442	.539	.609	.702	.762	.803	.833	.863	.896	.919	.933	.950	.960	.971	.977	.982	3500
4000	.006	.042	.072	.124	.186	.236	.296	.334	.368	.458	.527	.624	.689	.737	.773	.812	.856	.884	.903	.926	.943	.959	.968	.975	4000
3000	.004	.027	.047	.082	.123	.162	.206	.234	.261	.335	.393	.487	.553	.608	.630	.699	.756	.798	.828	.868	.894	.924	.941	.956	5000
6000	.003	.019	.033	.036	.089	.117	.149	.172	.192	.232	.302	.382	.443	.498	.338	.391	.636	.705	.742	.793	.831	.876	.903	.927	6000
7000	.002	.014	.024	.043	.087	.086	.113	.130	.148	.194	.235	.304	.359	.408	.446	.498	.563	.614	.653	.716	.760	.816	.854	.889	7000
8000	.002	.011	.019	.033	.052	.068	.086	.102	.113	.154	.188	.243	.293	.333	.371	.417	.481	.332	.374	.639	.687	.733	.799	.843	8000
9000	.001	.008	.013	.026	.041	.054	.071	.082	.092	.124	.153	.201	.243	.279	.311	.353	.412	.461	.501	.567	.617	.690	.741	.793	9000
10000	.001	.007	.012	.021	.033	.044	.036	.067	.076	.102	.120	.168	.203	.235	.263	.301	.335	.400	.439	.502	.333	.628	.682	.740	10000

24Q9

25Q6

KT	1	10	20	40	70	100	140	170	200	300	400	800	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	27.7	25.5	25.0	24.6	24.3	24.1	23.9	23.8	23.8	23.6	23.5	23.4	23.3	23.3	23.2	23.2	23.1	23.1	23.0	23.0	23.0	22.9	22.9	22.8	Adj VN
psi	899	317	283	224	200	188	178	173	169	180	154	147	143	140	138	135	132	130	129	128	125	123	121	120	psi
HOB	216	491	625	798	986	1092	1228	1310	1385	1591	1755	2014	2221	2395	2548	2748	3028	3285	3472	3828	4124	4619	5026	5538	HOB
WR	378	947	1237	1807	1979	2257	2551	2738	2903	3359	3722	4298	4757	5145	5484	5929	6554	7081	7542	8330	8995	10097	11005	12142	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP
200	.820	.983	.990	.993	.994	.995	.995	.995	.995	.995	.998	.998	.998	.996	.998	.998	.998	.996							200
400	.427	.896	.951	.978	.985	.988	.990	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.996	.996	.996	.998	.996	.998	.996	400
600	.231	.732	.854	.927	.959	.971	.979	.982	.984	.988	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.995	.996	.998	600
800	.140	.583	.721	.844	.910	.937	.955	.963	.988	.978	.983	.987	.989	.990	.991	.992	.993	.994	.994	.994	.995	.995	.995	.995	800
1000	.093	.428	.589	.742	.839	.884	.917	.932	.942	.981	.970	.979	.983	.986	.988	.989	.991	.992	.992	.993	.994	.994	.995	.995	1000
1200	.066	.330	.478	.638	.755	.817	.865	.888	.904	.938	.952	.967	.975	.979	.982	.985	.987	.989	.990	.991	.992	.993	.994	.994	1200
1400	.049	.259	.389	.544	.870	.743	.804	.834	.858	.902	.928	.950	.982	.989	.974	.978	.983	.985	.987	.989	.990	.992	.993	.993	1400
1600	.038	.208	.320	.483	.590	.889	.738	.774	.802	.881	.993	.928	.948	.956	.983	.970	.977	.981	.983	.986	.988	.990	.991	.992	1600
1800	.030	.169	.268	.395	.517	.598	.672	.712	.744	.814	.855	.901	.925	.939	.949	.959	.989	.974	.978	.982	.985	.988	.990	.991	1800
2000	.024	.140	.223	.339	.454	.533	.608	.851	.885	.765	.813	.869	.900	.919	.932	.945	.958	.968	.971	.978	.981	.985	.988	.990	2000
2500	.016	.093	.152	.238	.332	.401	.472	.515	.551	.640	.700	.778	.822	.854	.878	.899	.923	.938	.948	.960	.988	.976	.980	.984	2500
3000	.011	.066	.109	.175	.249	.307	.369	.407	.441	.528	.591	.878	.735	.775	.805	.838	.874	.898	.914	.934	.947	.981	.989	.976	3000
3500	.006	.049	.082	.133	.192	.240	.292	.328	.355	.438	.497	.585	.647	.693	.728	.769	.818	.847	.870	.900	.919	.941	.953	.984	3500
4000	.008	.038	.083	.104	.152	.191	.235	.264	.290	.362	.418	.503	.585	.613	.652	.697	.752	.790	.819	.858	.883	.915	.933	.949	4000
5000	.004	.024	.041	.068	.101	.129	.160	.182	.201	.256	.302	.374	.431	.477	.518	.564	.625	.671	.707	.760	.798	.846	.877	.905	5000
6000	.003	.017	.029	.048	.072	.092	.115	.131	.146	.189	.225	.284	.332	.373	.408	.453	.513	.561	.599	.652	.704	.766	.808	.847	6000
7000	.002	.013	.021	.036	.053	.069	.087	.099	.110	.144	.172	.221	.281	.296	.328	.366	.422	.487	.505	.566	.613	.682	.730	.780	7000
8000	.002	.010	.018	.027	.041	.053	.087	.077	.086	.113	.138	.178	.209	.239	.265	.300	.349	.390	.428	.484	.531	.602	.854	.711	8000
9000	.001	.008	.013	.022	.033	.042	.054	.061	.089	.091	.110	.142	.171	.196	.218	.248	.292	.329	.381	.415	.460	.530	.582	.642	9000
10000	.001	.008	.011	.018	.027	.034	.044	.050	.056	.074	.090	.118	.141	.163	.182	.208	.246	.279	.308	.358	.399	.488	.518	.578	10000

25Q6

25Q8

KT	1	10	20	40	70	100	140	170	200	300	400	800	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	28.4	25.7	25.0	24.3	23.9	23.6	23.3	23.2	23.1	22.8	22.8	22.4	22.3	22.1	22.1	22.0	21.9	21.8	21.7	21.8	21.5	21.4	21.4	21.3	Adj VN
psi	919	342	263	207	173	158	142	135	130	118	111	102	97	93	90	87	84	81	79	77	75	72	70	89	psi
HOB	212	488	625	800	974	1105	1243	1330	1407	1620	1790	2059	2273	2454	2613	2820	3112	3358	3573	3941	4251	4786	5189	5720	HOB
WR	359	933	1237	1632	2035	2338	2883	2869	3053	3560	3987	4613	5131	5569	5952	6455	7183	7782	8286	9182	9940	11195	12230	13527	WR
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD.	PD	PD	CEP
200	.797	.983	.990	.993	.984	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996								200
400	.398	.894	.951	.978	.986	.989	.991	.992	.992	.534	.994	.995	.995	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	400
600	.211	.724	.854	.930	.962	.974	.981	.984	.986	.989	.991	.992	.993	.994	.984	.994	.995	.995	.995	.995	.995	.996	.996	.996	600
800	.127	.554	.721	.850	.916	.943	.960	.967	.972	.981	.985	.989	.990	.991	.992	.993	.984	.994	.984	.995	.995	.995	.995	.996	800
1000	.084	.420	.589	.750	.849	.895	.926	.940	.950	.967	.975	.982	.986	.988	.989	.991	.992	.993	.993	.994	.994	.995	.995	.995	1000
1200	.059	.323	.478	.647	.789	.832	.879	.901	.918	.945	.959	.973	.979	.583	.985	.937	.989	.991	.991	.992	.993	.994	.994	.995	1200
1400	.044	.253	.389	.553	.686	.782	.822	.852	.874	.916	.938	.959	.969	.975	.979	.982	.986	.988	.989	.991	.992	.993	.993	.984	1400
1600	.034	.203	.320	.472	.607	.689	.780	.796	.824	.880	.910	.941	.956	.965	.970	.978	.981	.984	.986	.989	.990	.992	.992	.993	1600
1800	.027	.165	.266	.403	.534	.620	.696	.737	.769	.838	.877	.918	.939	.951	.959	.967	.975	.979	.982	.986	.988	.990	.991	.992	1800
2000	.022	.137	.223	.347	.470	.555	.634	.679	.714	.793	.839	.891	.918	.935	.946	.957	.987	.973	.977	.982	.985	.988	.990	.991	2000
2500	.014	.091	.152	.244	.346	.421	.498	.543	.582	.874	.735	.809	.852	.880	.900	.920	.940	.952	.960	.969	.975	.981	.984	.987	2500
3000	.010	.064	.109	.179	.260	.324	.392	.434	.470	.564	.830	.718	.774	.812	.840	.869	.901	.920	.933	.930	.960	.971	.976	.981	3000
3500	.007	.048	.082	.136	.201	.254	.312	.349	.382	.470	.536	.628	.891	.736	.771	.809	.851	.879	.898	.923	.938	.956	.985	.973	3500
4000	.006	.037	.063	.107	.180	.203	.253	.285	.314	.393	.455	.547	.812	.861	.700	.744	.798	.831	.856	.890	.911	.936	.950	.962	4000
5000	.004	.024	.041	.070	.106	.137	.173	.197	.219	.281	.333	.413	.475	.525	.566	.818	.878	.723	.758	.807	.840	.882	.907	.929	5000
6000	.002	.017	.029	.050	.076	.098	.125	.143	.180	.208	.250	.317	.372	.417	.455	.504	.588	.817	.856	.715	.758	.814	.850	.884	6000
7000	.002	.012	.021	.037	.056	.073	.094	.108	.121	.159	.193	.248	.295	.334	.388	.413	.474	.522	.583	.625	.673	.739	.784	.829	7000
8000	.001	.009	.016	.028	.044	.057	.073	.084	.094	.125	.152	.199	.238	.271	.302	.341	.397	.442	.481	.544	.592	.664	.715	.768	8000
9000	.001	.007	.013	.022	.035	.045	.058	.067	.076	.101	.123	.182	.195	.224	.250	.285	.334	.378	.412	.472	.520	.593	.647	.705	9000
10000	.001	.006	.011	.018	.028	.037	.046	.055	.062	.083	.101	.134	.162	.187	.210	.240	.284	.322	.355	.411	.458	.528	.583	.644	10000

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